Supplementary Data 2. Polarized values of aCGH data as produced by CGHExtractor.																												
Gene Name	Shiraz-3T	Shiraz-4T	Shiraz-16T	Shiraz-31T	Shiraz-36T	Shiraz-42T	Shiraz-44T	Shiraz-46T	Shiraz-47T	Shiraz-49T	Shiraz-77T	Shiraz-8T	Shiraz-9T	Shiraz-12T	Shiraz-18T	Shiraz-22T	Shiraz-25T	Shiraz-28T	Shiraz-29T	Shiraz-32T	Shiraz-35T	Shiraz-38T	Shiraz-40T	Shiraz-53T	Shiraz-58T	Shiraz-71T	Shiraz-72T
FLJ39609	2	0	2	0	0	0	2	2	0	0	0	0	2	0	0	2	0	2	0	2	0	0	1	0	2	0	0
SAMD11	2	0	2	0	2	0	2	2	0	0	0	0	2	0	0	2	0	2	0	2	0	0	1	0	2	0	0
NOC2L	2	0	2	0	2	0	2	2	0	2	2	0	2	0	0	2	0	2	0	2	0	0	1	0	2	0	0
KLHL17	2	0	2	0	2	0	2	2	0	2	2	0	2	0	0	2	0	2	0	2	0	0	1	0	2	0	0
PLEKHN1	2	0	2	0	2	0	2	2	0	2	2	0	2	0	0	2	0	2	0	2	0	0	1	0	2	0	0
HES4	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	0	2	0	0
ISG15	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	0	2	0	0
AGRN	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	0	2	0	0
C1orf159	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	0	2	0	0
TTLL10	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	0	2	0	0
TNFRSF18	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	0	2	0	0
TNFRSF4	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	0	2	0	0
SDF4	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
B3GALT6	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
FAM132A	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
UBE2J2	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
LOC100128842	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
SCNN1D	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
ACAP3	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
PUSL1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
CPSF3L	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
GLTPD1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
TAS1R3	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
DVL1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
MXRA8	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
AURKAIP1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
LOC148413	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
MRPL20	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
LOC441869	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
TMEM88B	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
VWA1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
ATAD3C	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
ATAD3B	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
ATAD3A	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
C1orf70	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
SSU72	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
MMP23A	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
CDC2L2	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
SLC35E2	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
NADK	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	1	2	2	0	0
GNB1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
CALML6	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
TMEM52	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
C1orf222	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
KIAA1751	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0

GABRD	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
PRKCZ	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
LOC100128003	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
C1orf86	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
SKI	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
MORN1	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
LOC100129534	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
RER1	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
PEX10	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
PLCH2	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
PANK4	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
HES5	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
LOC115110	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
TNFRSF14	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
C1orf93	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
MMEL1	2	0	2	0	2	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
ACTRT2	2	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
FLJ42875	2	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
PRDM16	2	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
ARHGEF16	2	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
MEGF6	2	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
TPRG1L	2	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	0	1	0	2	0	0
WDR8	2	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	0	1	0	2	0	0
TP73	2	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
KIAA0495	2	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
CCDC27	2	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
LOC388588	2	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
LRRC47	2	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	2	0	2	0	1	1	0	2	0	0
GRRP1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ZNF593	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
CNKSR1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
CATSPER4	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
CCDC21	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SH3BGRL3	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
UBXN11	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
CD52	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
AIM1L	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ZNF683	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
LIN28	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
DHDDS	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
HMGN2	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
RPS6KA1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ARID1A	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PIGV	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ZDHHC18	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SFN	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
GPN2	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1

GPATCH3	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
NR0B2	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
NUDC	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
C1orf172	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
TRNP1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
FAM46B	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SLC9A1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
WDTC1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
TMEM222	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SYTL1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
MAP3K6	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
FCN3	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
CD164L2	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
GPR3	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
WASF2	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
AHDC1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
FGR	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
IFI6	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
FAM76A	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
STX12	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PPP1R8	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SCARNA1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
C1orf38	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
RPA2	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SMPDL3B	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
XKR8	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
EYA3	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
LOC653566	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PTAFR	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
DNAJC8	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ATPIF1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SESN2	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
MED18	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PHACTR4	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SNHG3-RCC1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SNHG3	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
RCC1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
TRNAU1AP	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SNHG12	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SNORD99	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SNORA61	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SNORA44	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SNORA16A	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
RAB42	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
TAF12	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
RNU11	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
GMEB1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1

YTHDF2	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
OPRD1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
EPB41	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
TMEM200B	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SFRS4	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
MECR	2	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PTPRU	2	0	2	2	2	1	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
MATN1	2	0	2	2	2	1	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
LAPTM5	2	0	2	2	2	1	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SDC3	2	0	2	2	2	1	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PUM1	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SNORD103A	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SNORD85	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PRO0611	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
NKAIN1	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SNRNP40	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ZCCHC17	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
FABP3	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SERINC2	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
LOC284551	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
TINAGL1	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
HCRTR1	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
PEF1	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
COL16A1	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
BAI2	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
SPOCD1	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
PTP4A2	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
KHDRBS1	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
TMEM39B	2	0	2	2	2	0	2	1	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
KPNA6	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
TXLNA	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
CCDC28B	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
IQCC	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
DCDC2B	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
C1orf91	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
EIF3I	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
LOC339483	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
FAM167B	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
LCK	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
HDAC1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
MARCKSL1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
TSSK3	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
BSDC1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
ZBTB8B	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
ZBTB8A	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
ZBTB8OS	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
RBBP4	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1

SYNC	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
KIAA1522	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
YARS	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
S100PBP	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
FNDC5	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
HPCA	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
TMEM54	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
RNF19B	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
AK2	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
ADC	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
TRIM62	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
ZNF362	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
A3GALT2	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
PHC2	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
ZSCAN20	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
CSMD2	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
HMGB4	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
C1orf94	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
GJB5	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
GJB4	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
GJB3	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
GJA4	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
C1orf212	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
DLGAP3	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
ZMYM6	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
ZMYM1	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
SFPQ	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
ZMYM4	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
KIAA0319L	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
NCDN	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
TFAP2E	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
PSMB2	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
C1orf216	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
CLSPN	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
EIF2C4	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
EIF2C1	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
EIF2C3	2	0	2	2	2	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
TEKT2	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
ADPRHL2	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
COL8A2	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
TRAPPC3	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
MAP7D1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
THRAP3	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
C1orf113	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
FAM176B	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
STK40	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
LSM10	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1

C1orf102	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
MRPS15	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
CSF3R	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
GRIK3	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
ZC3H12A	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
C1orf149	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
SNIP1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
DNALI1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
GNL2	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
RSPO1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
C1orf109	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
CDCA8	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
EPHA10	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
MANEAL	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
YRDC	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
C1orf122	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
MTF1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
INPP5B	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
SF3A3	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
FHL3	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
UTP11L	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
POU3F1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
RRAGC	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
MYCBP	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
GJA9	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
RHBDL2	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
AKIRIN1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
NDUFS5	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
MACF1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
KIAA0754	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
BMP8A	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
LOC728448	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
PABPC4	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
SNORA55	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
HEYL	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
NT5C1A	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
HPCAL4	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
PPIE	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
BMP8B	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
OXCT2	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
TRIT1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
MYCL1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
MFSD2	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
CAP1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
PPT1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	0	1	2	2	2	1
RLF	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
TMCO2	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1

ZMPSTE24	2	0	2	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
COL9A2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
SMAP2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
ZNF643	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
ZNF642	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
DEM1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
ZNF684	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
RIMS3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
LOC100130557	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
NFYC	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
KCNQ4	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
CITED4	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
CTPS	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
SLFNL1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
SCMH1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
EDN2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
HIVEP3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	1
GUCA2B	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
GUCA2A	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
FOXJ3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
RIMKLA	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
ZMYND12	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
PPCS	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
LOC728621	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
PPIH	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
YBX1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
CLDN19	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
LEPRE1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
C1orf50	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
CCDC23	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
ERMAP	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
ZNF691	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
SLC2A1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
FAM183A	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
EBNA1BP2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
WDR65	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
TMEM125	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
C1orf210	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
TIE1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
MPL	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
CDC20	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
ELOVL1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
MED8	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
C1orf84	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
KIAA0467	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
HYI	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
PTPRF	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0

KDM4A	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
ST3GAL3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
ARTN	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
IPO13	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
DPH2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
ATP6V0B	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
B4GALT2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
CCDC24	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
SLC6A9	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
KLF17	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
DMAP1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
ERI3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
RNF220	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
TMEM53	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
C1orf228	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
KIF2C	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
RPS8	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
SNORD55	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
SNORD46	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
SNORD38A	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
SNORD38B	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
BEST4	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
PLK3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
TCTEX1D4	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
LOC149478	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
PTCH2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
EIF2B3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
HECTD3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
UROD	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
ZSWIM5	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
LOC400752	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
HPDL	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
MUTYH	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
TOE1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
TESK2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
LOC126661	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
MMACHC	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
PRDX1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
AKR1A1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
NASP	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
CCDC17	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
GPBP1L1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
RPS15AP10	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
TMEM69	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
IPP	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
MAST2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
PIK3R3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0

TSPAN1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
POMGNT1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
C1orf190	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
RAD54L	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
LRRC41	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
UQCRH	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
NSUN4	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
FAAH	2	0	0	2	2	0	2	2	2	2	2	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
DMBX1	2	0	0	2	2	0	2	2	2	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
KNCN	2	0	0	2	2	0	2	2	2	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
MKNK1	2	0	0	2	2	0	2	2	2	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	2	2	0
SKINT1	1	0	0	0	2	0	2	1	0	0	0	0	2	2	1	0	1	0	0	2	2	0	1	2	0	2	0
SLC5A9	1	0	0	0	2	0	2	1	0	0	0	0	2	2	1	0	1	0	0	2	2	0	1	2	0	2	0
SPATA6	1	0	0	0	2	0	1	1	0	0	0	0	2	2	1	0	1	0	0	2	2	0	1	2	0	2	0
AGBL4	1	0	0	0	2	0	1	1	0	0	0	0	2	2	1	1	1	0	0	2	2	0	1	2	0	2	0
BEND5	1	0	0	0	2	0	1	1	0	0	0	0	2	2	1	0	1	0	0	2	2	0	1	2	0	2	0
ELAVL4	1	0	0	0	2	0	1	1	0	0	0	0	2	2	1	1	1	0	0	2	0	0	1	0	0	2	0
DMRTA2	1	0	0	0	2	0	1	2	0	0	0	0	2	2	1	1	1	0	0	2	0	0	1	0	0	2	0
FAF1	1	0	0	0	2	0	1	2	0	0	0	0	2	2	1	1	1	0	0	2	0	0	1	0	0	2	0
USP24	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	2	0	0	1	0	0	2	0
PPAP2B	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	2	0	0	1	0	1	2	0
PRKAA2	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	2	0	0	1	0	1	2	0
C1orf168	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	2	0	0	1	0	1	2	0
C8A	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	2	0	0	1	0	1	2	0
C8B	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	2	0	0	1	0	1	2	0
DAB1	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	2	0	0	1	0	1	2	0
OMA1	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	2	0	0	1	0	1	2	0
TACSTD2	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	2	0	0	1	0	1	2	0
MYSM1	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	2	0	0	1	0	1	2	0
JUN	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	2	0	0	1	0	1	2	0
LOC729467	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	2	0	0	1	0	1	2	0
FGGY	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	0	0	2	0	0	1	1	1	2	0
HOOK1	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	0	0	2	0	0	1	1	1	2	0
CYP2J2	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	0	0	2	0	0	1	1	1	2	0
C1orf87	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	0	0	2	0	0	1	1	1	2	0
NFIA	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	0	0	0	0	0	1	1	1	2	0
TM2D1	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
INADL	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
L1TD1	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
KANK4	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
USP1	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
DOCK7	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
ANGPTL3	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
ATG4C	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
FOXD3	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
ALG6	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
ITGB3BP	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1

EFCAB7	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
DLEU2L	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
PGM1	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	0	1	1	1	0	0	0	1	1	1	2	1
ROR1	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	0	1	1	1	0	0	0	1	1	1	2	1
UBE2U	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	0	1	1	1	0	0	0	1	1	1	2	1
CACHD1	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	0	1	1	1	0	0	0	1	1	1	2	1
RAVER2	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	0	1	1	1	0	0	0	1	1	1	2	1
JAK1	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	0	1	1	1	0	0	0	1	1	1	2	1
AK3L1	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	0	1	1	1	0	0	0	1	1	1	2	1
DNAJC6	1	0	0	0	0	0	1	0	0	0	1	0	0	2	1	0	1	1	1	0	0	0	1	1	1	2	1
LEPR	1	0	0	0	0	0	1	0	1	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
LEPROT	1	0	0	0	0	0	1	0	1	0	1	0	0	2	1	1	1	1	1	0	0	0	1	1	1	2	1
PDE4B	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SGIP1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
TCTEX1D1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
INSL5	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
WDR78	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
MIER1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SLC35D1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
C1orf141	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
IL23R	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
IL12RB2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SERBP1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GADD45A	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GNG12	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
DIRAS3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GPR177	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
RPE65	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
DEPDC1	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LRRC7	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
PIN1L	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LRRC40	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SFRS11	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ANKRD13C	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
HHLA3	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
CTH	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
PTGER3	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ZRANB2	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
NEGR1	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LRRIQ3	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
FPGT	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
TNNI3K	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
C1orf173	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
CRYZ	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
TYW3	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LHX8	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SLC44A5	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1

ACADM	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
RABGGTB	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SNORD45C	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SNORD45A	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SNORD45B	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
MSH4	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ASB17	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ST6GALNAC3	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ST6GALNAC5	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
PIGK	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
AK5	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ZZZ3	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
USP33	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
FAM73A	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
NEXN	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
FUBP1	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
DNAJB4	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GIPC2	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
MGC27382	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
PTGFR	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
IFI44L	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
IFI44	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ELTD1	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LPHN2	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
TTLL7	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
PRKACB	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SAMD13	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
UOX	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
DNASE2B	1	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
BXDC5	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GNG5	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SPATA1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
CTBS	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
C1orf180	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SSX2IP	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LPAR3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
MCOLN2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
MCOLN3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
WDR63	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SYDE2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
C1orf52	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
BCL10	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
DDAH1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
CYR61	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ZNHIT6	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
COL24A1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ODF2L	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1

CLCA2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
CLCA1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
CLCA4	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
CLCA3P	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SH3GLB1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
15-Sep	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
HS2ST1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LOC339524	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LMO4	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
PKN2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GTF2B	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
CCBL2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GBP3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GBP1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GBP2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GBP7	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GBP4	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GBP5	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GBP6	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LOC400759	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LRRC8B	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LRRC8C	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LRRC8D	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LOC492303	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ZNF326	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
BARHL2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ZNF644	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
HFM1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
CDC7	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
HSP90B3P	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
TGFBR3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
BRDT	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
EPHX4	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
BTBD8	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
KIAA1107	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
C1orf146	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GLMN	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
RPAP2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GFI1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
EVI5	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
RPL5	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SNORD21	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SNORA66	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
FAM69A	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
MTF2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
TMED5	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
CCDC18	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1

DR1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
FNBP1L	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
BCAR3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
DNTTIP2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GCLM	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ABCA4	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ARHGAP29	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ABCD3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
F3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SLC44A3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
CNN3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
ALG14	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
TMEM56	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
RWDD3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
PTBP2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
DPYD	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SNX7	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
PAP2D	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LPPR4	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
PALMD	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
FRRS1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
AGL	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SLC35A3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
HIAT1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SASS6	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
CCDC76	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LRRC39	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
DBT	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
RTCD1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
CDC14A	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GPR88	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
VCAM1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
EXTL2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SLC30A7	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
DPH5	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
S1PR1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
OLFM3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
COL11A1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
RNPC3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
AMY2B	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
LOC648740	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
AMY2A	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
AMY1A	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
AMY1C	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
AMY1B	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
PRMT6	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
NTNG1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1

VAV3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
SLC25A24	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
NBPF4	1	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
NBPF6	1	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
FAM102B	1	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
C1orf59	1	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
PRPF38B	1	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
FNDC7	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
STXBP3	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
KCNA3	1	0	0	0	0	0	1	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
CD53	1	0	0	0	0	0	1	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
C1orf103	1	0	0	0	0	0	1	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
TMEM77	1	0	0	0	0	0	1	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
CEPT1	1	0	0	0	0	0	1	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
DENND2D	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
CHI3L2	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
LOC149620	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
CHIA	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
C1orf88	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
OVGP1	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
WDR77	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
ATP5F1	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
C1orf162	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
ADORA3	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
RAP1A	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
C1orf183	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
DDX20	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
KCND3	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
CTTNBP2NL	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
WNT2B	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
ST7L	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
CAPZA1	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
MOV10	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
RHOC	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
PPM1J	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
FAM19A3	1	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
SLC16A1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
AFARP1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	2	1
LRIG2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
MAGI3	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
PHTF1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
RSBN1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
PTPN22	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
BCL2L15	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
AP4B1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
DCLRE1B	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
HIPK1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1

OLFML3	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
SYT6	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
TRIM33	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
BCAS2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
DENND2C	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
AMPD1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
NRAS	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
CSDE1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
SIKE	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
SYCP1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
TSHB	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
TSPAN2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
NGF	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
VANGL1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
CASQ2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
NHLH2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
SLC22A15	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
C1orf161	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
ATP1A1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
C1orf203	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
CD58	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
IGSF3	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
CD2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
PTGFRN	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
IGSF2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
TTF2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
TRIM45	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
VTCN1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
MAN1A2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
FAM46C	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
GDAP2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
WDR3	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
SPAG17	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	2	1
TBX15	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	2	1
WARS2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	2	1
HAO2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	2	1
HSD3B2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	2	1
HSD3B1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	2	1
ZNF697	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	2	1
PHGDH	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	2	1
HMGCS2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	2	1
REG4	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1
NBPF7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1
ADAM30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1
NOTCH2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0
FAM72B	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0
FAM72A	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0

HIST2H2BA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0
FCGR1B	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0
LOC647121	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
SEC22B	2	0	0	0	2	0	0	0	2	0	2	0	2	0	0	0	2	2	0	2	0	0	0	2	0	0	0
NOTCH2NL	2	0	0	0	2	0	0	0	2	0	2	0	2	0	0	0	2	2	0	2	0	0	0	2	0	0	0
NBPF10	2	0	0	0	2	0	0	0	2	0	2	0	2	0	0	0	2	2	0	2	0	0	0	2	0	0	0
HFE2	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
TXNIP	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
POLR3GL	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
ANKRD34A	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
LIX1L	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
RBM8A	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
GNRHR2	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
PEX11B	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
ITGA10	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
ANKRD35	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
PIAS3	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
NUDT17	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
POLR3C	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
RNF115	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
CD160	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
PDZK1	2	0	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	2	0	2	2	0	0	2	0	2	0
GPR89C	2	0	0	0	2	0	2	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
PDZK1P1	2	0	0	0	2	0	2	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
LOC200030	2	0	0	0	2	0	2	0	2	0	2	0	2	2	2	0	2	2	0	2	2	0	0	2	0	2	0
NBPF11	2	0	0	0	2	0	2	0	2	0	2	0	2	2	2	0	2	2	0	2	2	0	0	2	0	2	0
FAM108A3	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	0	2	2	0	2	2	0	0	2	0	2	0
LOC728989	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	0	2	2	0	2	2	0	0	2	0	2	0
PRKAB2	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	0	2	2	0	2	2	0	0	2	0	2	0
PDIA3P	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	0	2	2	0	2	2	0	0	2	0	2	0
FMO5	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	0	2	2	0	2	2	0	0	2	0	2	0
CHD1L	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	0	2	2	0	2	2	0	0	2	0	2	0
BCL9	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
ACP6	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
GJA5	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
GJA8	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
GPR89A	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
GPR89B	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
FLJ39739	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
LOC100286793	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
PPIAL4G	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
PPIAL4A	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
NBPF14	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
NBPF15	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
NBPF16	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
PPIAL4E	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
LOC645166	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0

LOC388692	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
FCGR1C	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
PPIAL4C	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
PPIAL4B	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
LOC728855	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
FCGR1A	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
HIST2H2BF	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
HIST2H3D	2	0	0	0	2	0	0	0	2	0	2	0	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
HIST2H4A	2	0	0	0	2	0	2	0	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
HIST2H4B	2	0	0	0	2	0	2	0	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
HIST2H3C	2	0	0	0	2	0	2	0	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
HIST2H3A	2	0	0	0	2	0	2	0	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
HIST2H2AA4	2	0	0	0	2	0	2	0	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
HIST2H2AA3	2	0	0	0	2	0	2	0	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
HIST2H2BE	2	0	0	0	2	0	2	0	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
HIST2H2AC	2	0	0	0	2	0	2	0	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
HIST2H2AB	2	0	0	0	2	0	2	0	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
BOLA1	2	0	0	0	2	0	2	0	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
SV2A	2	0	0	0	2	0	2	0	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
SF3B4	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
MTMR11	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
OTUD7B	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
VPS45	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
PLEKHO1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
ANP32E	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
CA14	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
APH1A	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
C1orf54	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
C1orf51	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
MRPS21	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
PRPF3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
RPRD2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
TARS2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
ECM1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
ADAMTSL4	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
MCL1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
ENSA	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
GOLPH3L	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
HORMAD1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
CTSS	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
CTSK	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
ARNT	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	0	2	0
SETDB1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	2	2	0
LASS2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	2	2	0
ANXA9	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	2	2	0
FAM63A	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	2	2	0
PRUNE	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	2	2	0

BNIPL	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	2	2	0
C1orf56	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	2	2	0
CDC42SE1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	0	0	2	2	2	0
MLLT11	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
GABPB2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
SEMA6C	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
TNFAIP8L2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
LYSMD1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
SCNM1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
TMOD4	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
VPS72	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
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TUFT1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
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FLG	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
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LCE3E	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
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LCE4A	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
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KPRP	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
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LOR	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
PGLYRP3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
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SHE	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
TDRD10	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
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THBS3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
MTX1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
GBAP	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
GBA	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
C1orf2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
SCAMP3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
CLK2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
HCN3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
PKLR	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
FDPS	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
C1orf104	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	2	2	2	0
RUSC1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
ASH1L	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
LOC645676	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
MSTO1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
YY1AP1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
DAP3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
MSTO2P	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
GON4L	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SYT11	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
RIT1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
KIAA0907	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SNORA42	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SCARNA4	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
RXFP4	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
ARHGEF2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SSR2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
UBQLN4	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
ROBLD3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
RAB25	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
MEX3A	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
LMNA	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SEMA4A	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SLC25A44	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
PMF1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
BGLAP	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
PAQR6	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SMG5	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
TMEM79	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
C1orf85	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
VHLL	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
CCT3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
C1orf182	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
RHBG	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0

C1orf61	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
MEF2D	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
IQGAP3	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
TTC24	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
APOA1BP	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
GPATCH4	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
HAPLN2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
BCAN	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
NES	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
CRABP2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
ISG20L2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
C1orf66	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
MRPL24	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
HDGF	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
PRCC	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SH2D2A	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
NTRK1	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
INSRR	2	0	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
PEAR1	2	0	0	0	2	0	2	2	0	0	0	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
C1orf92	2	0	0	0	2	0	2	2	0	0	0	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
ARHGEF11	2	0	0	0	2	0	2	2	0	0	0	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
ETV3L	2	0	0	0	2	0	2	2	0	0	0	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
ETV3	2	0	0	0	2	0	2	0	0	0	0	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
CYCSP52	2	0	0	0	2	0	2	0	0	0	0	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
FCRL5	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
FCRL4	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
FCRL3	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
FCRL2	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
FCRL1	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
CD5L	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
KIRREL	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
CD1D	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
CD1A	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
CD1C	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
CD1B	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
CD1E	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR10T2	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR10K2	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR10K1	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR10R2	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR6Y1	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR10X1	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR10Z1	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
SPTA1	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR6K2	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR6K3	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR6K6	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0

OR6N1	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR6N2	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
MNDA	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
PYHIN1	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
IFI16	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
AIM2	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
CADM3	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
DARC	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
FCER1A	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR10J3	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR10J1	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
OR10J5	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
APCS	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
CRP	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
DUSP23	2	0	0	0	2	0	1	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	2	2	0
FCRL6	2	0	0	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SLAMF8	2	0	0	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
C1orf204	2	0	0	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
VSIG8	2	0	0	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
CCDC19	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
TAGLN2	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
IGSF9	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SLAMF9	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
PIGM	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
KCNJ10	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
KCNJ9	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
IGSF8	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
ATP1A2	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
ATP1A4	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
CASQ1	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
PEA15	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
WDR42A	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
PEX19	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
COPA	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SUMO1P3	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
NCSTN	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
NHLH1	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
VANGL2	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SLAMF6	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
CD84	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SLAMF1	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
CD48	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SLAMF7	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
LY9	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
CD244	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
ITLN1	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
ITLN2	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0

F11R	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
LOC100131187	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
KAT	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
USF1	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
ARHGAP30	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
PVRL4	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
KLHDC9	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
PFDN2	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
NIT1	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
DEDD	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
UFC1	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
USP21	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
PPOX	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
B4GALT3	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
ADAMTS4	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
NDUFS2	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
FCER1G	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
APOA2	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
TOMM40L	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
NR1I3	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
PCP4L1	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
MPZ	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
SDHC	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
LOC642502	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
C1orf192	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
FCGR2A	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
HSPA6	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
HSPA7	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
FCGR3B	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
FCGR3A	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	2	2	0
FCGR2C	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	0	2	0
FCGR2B	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	2	2	2	0	2	2	0	2	2	0	2	0
RPL31P11	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	0	2	2	0	2	2	0	2	2	0	2	0
FCRLA	2	0	0	0	2	0	2	0	2	0	2	2	2	2	0	0	2	2	0	2	2	0	2	2	0	2	0
FCRLB	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	0	2	0
DUSP12	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	0	2	0
ATF6	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	0	2	0
OLFML2B	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	0	2	0
NOS1AP	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	0	2	0
C1orf111	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	0	2	0
C1orf226	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	0	2	0
SH2D1B	2	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	2	2	0	2	2	0	2	2	0	2	0
UHMK1	2	0	0	0	2	0	0	0	0	0	0	2	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
UAP1	2	0	0	0	2	0	0	0	0	0	0	2	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
DDR2	2	0	0	0	2	0	0	0	0	0	0	2	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
HSD17B7	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
C1orf110	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0

RGS4	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
RGS5	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
NUF2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
PBX1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
LMX1A	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
RXRG	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
LOC400794	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
LRRC52	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
MGST3	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
ALDH9A1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	0	2	2	0	2	0
TMCO1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	2	0	2	0
UCK2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	2	0	2	0
FAM78B	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	2	0	2	0
FMO9P	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
POGK	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
TADA1L	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
ILDR2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
MAEL	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
GPA33	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
DUSP27	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
POU2F1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
CD247	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
CREG1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
RCSD1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
MPZL1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
ADCY10	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
BRP44	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
IQWD1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
GPR161	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
TIPRL	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
SFT2D2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
ANKRD26L1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
TBX19	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
XCL2	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
XCL1	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
DPT	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
MGC4473	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
ATP1B1	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
NME7	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
BLZF1	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
C1orf114	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
SLC19A2	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
F5	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
SELP	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
SELL	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
SELE	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
C1orf156	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0

C1orf112	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
SCYL3	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
KIFAP3	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
METTL11B	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
LOC284688	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
GORAB	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
PRRX1	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
C1orf129	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
FMO3	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
FMO6P	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
FMO2	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
FMO1	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
FMO4	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
TOP1P1	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
BAT2D1	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
MYOC	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
VAMP4	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
METTL13	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
DNM3	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
C1orf105	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
PIGC	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
C1orf9	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
FASLG	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
TNFSF18	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
TNFSF4	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
PRDX6	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
SLC9A11	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
ANKRD45	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
KLHL20	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
CENPL	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
DARS2	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
GAS5	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
SNORD81	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
SNORD47	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
SNORD80	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
SNORD79	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
SNORD78	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
SNORD44	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
SNORD77	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
SNORD76	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
SNORD75	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
SNORD74	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
ZBTB37	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
SERPINC1	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
RC3H1	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
RABGAP1L	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	1	2	2	1	0	2	0	2	2	0	2	0
GPR52	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0

CACYBP	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
MRPS14	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	1	0	2	0	2	2	0	2	0
TNN	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
KIAA0040	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
TNR	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	2	0	2	0
RFWD2	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	0	0	2	0
SCARNA3	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	0	0	2	0
PAPPA2	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	0	0	2	0
ASTN1	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	0	0	2	0
FAM5B	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	0	0	2	0
SEC16B	2	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	1	0	2	0	2	0	0	2	0
RASAL2	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
C1orf49	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
C1orf220	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
RALGPS2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
ANGPTL1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
FAM20B	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
TOR3A	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
ABL2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
SOAT1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
C1orf125	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
NPHS2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
TDRD5	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
FAM163A	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
TOR1AIP2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
IFRG15	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
TOR1AIP1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
CEP350	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
QSOX1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
FLJ23867	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
LHX4	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
ACBD6	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
XPR1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
KIAA1614	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
STX6	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
MR1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
IER5	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
CACNA1E	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
ZNF648	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
GLUL	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
TEDDM1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
RGSL1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
RNASEL	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
RGS16	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
RGS8	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
NPL	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
DHX9	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0

C1orf14	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
LAMC1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
LAMC2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
NMNAT2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
SMG7	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
NCF2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
ARPC5	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
RGL1	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
APOBEC4	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
GLT25D2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
TSEN15	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
C1orf21	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
EDEM3	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	2	0	2	0	0	2	0
FAM129A	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	1	0	2	0	0	2	0
RNF2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	1	0	2	0	0	2	0
C1orf25	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	2	2	1	0	1	0	2	0	0	2	0
C1orf26	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	0	2	2	1	0	1	0	2	0	0	2	0
IVNS1ABP	2	0	0	0	2	0	1	0	0	0	0	0	2	0	2	0	2	2	1	0	1	0	2	0	0	2	0
HMCN1	1	0	0	0	2	0	1	0	1	1	1	0	2	0	2	1	2	2	1	0	1	0	2	0	1	2	0
PRG4	1	0	0	0	2	0	1	0	1	1	1	0	1	0	2	1	2	2	1	0	1	0	2	0	1	2	0
TPR	1	0	0	0	2	0	1	0	1	1	1	0	1	0	2	1	2	2	1	0	1	0	2	1	1	2	0
C1orf27	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
OCLM	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
PDC	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
PTGS2	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
PLA2G4A	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
FAM5C	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
RGS18	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
RGS21	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
RGS1	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
RGS13	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
RGS2	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
UCHL5	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
TROVE2	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
GLRX2	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
CDC73	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
B3GALT2	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
KCNT2	1	0	0	0	2	0	1	0	1	1	1	0	1	1	2	1	2	2	1	0	1	0	2	1	1	2	0
CFH	1	0	0	0	2	0	1	0	1	1	1	0	1	1	0	1	2	2	1	0	1	0	2	1	1	2	0
CFHR3	1	0	1	1	2	0	1	0	1	1	1	0	1	1	0	1	2	2	1	0	1	0	2	1	1	1	1
CFHR1	1	0	1	1	2	0	1	0	1	1	1	0	1	1	0	1	2	2	1	0	1	0	2	1	1	1	1
CFHR4	1	0	0	0	2	0	1	0	1	1	1	0	1	0	0	1	2	2	1	0	1	0	2	1	1	2	0
CFHR2	1	0	0	0	2	0	1	0	1	1	1	0	1	0	0	1	2	2	1	0	1	0	2	1	1	2	0
CFHR5	1	0	0	0	2	0	1	0	1	1	1	0	1	0	0	1	2	2	1	0	1	0	2	1	1	2	0
F13B	1	0	0	0	2	0	1	0	1	1	1	0	1	0	0	1	2	2	1	0	1	0	2	1	1	2	0
ASPM	1	0	0	0	2	0	1	0	1	1	1	0	1	0	0	1	2	2	1	0	1	0	2	1	1	2	0
ZBTB41	1	0	0	0	2	0	1	0	1	1	1	0	1	0	0	1	2	2	1	0	1	0	2	1	1	2	0

CRB1	1	0	0	0	2	0	1	0	1	1	1	0	1	0	0	1	2	2	1	0	1	0	2	1	1	2	0
DENND1B	1	0	0	0	2	0	1	0	1	1	1	0	1	0	0	1	2	2	1	0	1	0	2	1	1	2	0
C1orf53	1	0	0	0	2	0	1	0	1	1	1	0	1	0	0	1	2	2	1	0	1	0	2	1	1	2	0
LHX9	1	0	0	0	2	0	1	0	1	1	1	0	1	0	0	1	2	2	1	0	1	0	2	1	1	2	0
NEK7	1	0	0	0	2	0	1	0	1	1	1	0	1	0	0	1	2	2	1	0	1	0	2	1	1	2	0
ATP6V1G3	1	0	0	0	2	0	1	0	1	1	1	0	1	0	0	1	2	2	1	0	1	0	2	1	1	2	0
PTPRC	1	0	0	0	2	0	1	0	1	1	1	0	1	0	0	1	2	2	1	0	1	0	2	1	1	2	0
NR5A2	2	0	0	2	2	0	0	2	2	0	0	0	1	0	0	1	2	2	1	0	2	0	2	1	1	2	0
FAM58B	2	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	1	0	2	0	2	1	1	2	0
ZNF281	2	0	0	2	2	0	0	2	2	2	0	0	2	0	0	0	2	2	1	0	2	0	2	0	0	2	0
KIF14	2	0	0	2	2	0	0	2	2	2	0	0	2	0	0	0	2	2	1	0	2	0	2	0	0	2	0
DDX59	2	0	0	2	2	0	0	2	2	2	0	0	2	0	0	0	2	2	1	0	2	0	2	0	0	2	0
CAMSAP1L1	2	0	0	2	2	0	0	2	2	2	0	0	2	0	0	0	2	2	1	0	2	0	2	0	0	2	0
GPR25	2	0	0	2	2	0	0	2	2	2	0	0	2	0	0	0	2	2	1	0	2	0	2	0	0	2	0
C1orf106	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
KIF21B	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
CACNA1S	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
TMEM9	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
IGFN1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PKP1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
TNNT2	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
LAD1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
TNNI1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PHLDA3	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
CSRP1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
RPS10P7	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
NAV1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
IPO9	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
SHISA4	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
LMOD1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
TIMM17A	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
RNPEP	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
ELF3	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
GPR37L1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
ARL8A	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PTPN7	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PTPRV	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
LGR6	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
UBE2T	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PPP1R12B	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
SYT2	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
KDM5B	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
LOC148709	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
RABIF	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
KLHL12	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
ADIPOR1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
CYB5R1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0

TMEM183A	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
TMEM183B	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PPFIA4	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
MYOG	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
ADORA1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
MYBPH	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
CHI3L1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
CHIT1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
BTG2	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
FMOD	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PRELP	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
OPTC	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
ATP2B4	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
SNORA77	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
LAX1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
ZC3H11A	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
SNRPE	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
C1orf157	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
SOX13	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
ETNK2	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
REN	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
KISS1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
GOLT1A	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PLEKHA6	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
LOC127841	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PPP1R15B	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PIK3C2B	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
MDM4	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
LRRN2	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
NFASC	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
CNTN2	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
TMEM81	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
RBBP5	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
DSTYK	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
TMCC2	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
NUAK2	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
KLHDC8A	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
LEMD1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PCTK3	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
LOC284578	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
MFSD4	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
ELK4	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
SLC45A3	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
NUCKS1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
RAB7L1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
SLC41A1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PM20D1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0

SLC26A9	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
AVPR1B	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
C1orf186	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
CTSE	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
SRGAP2	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
IKBKE	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
RASSF5	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
LGTN	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
DYRK3	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
MAPKAPK2	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
IL10	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
IL19	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
IL20	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
IL24	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
FAIM3	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PIGR	2	0	0	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
FCAMR	2	0	0	0	2	0	2	2	0	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
C1orf116	2	0	0	0	2	0	2	2	0	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
YOD1	2	0	0	0	2	0	2	2	0	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
PFKFB2	2	0	0	0	2	0	2	2	0	0	2	0	2	2	0	2	2	2	1	2	2	0	2	0	2	2	0
C4BPB	2	0	0	0	2	0	0	2	0	0	2	0	2	2	0	0	2	2	1	2	2	0	2	0	2	2	0
C4BPA	2	0	0	0	2	0	0	2	0	0	2	0	2	2	0	0	2	2	1	2	2	0	2	0	2	2	0
CD55	2	0	0	0	2	0	0	2	0	0	0	0	2	2	0	0	2	2	1	2	2	0	2	0	2	2	0
CR2	2	0	0	0	2	0	0	2	0	0	0	0	2	2	0	0	2	2	1	2	2	0	2	0	2	2	0
CR1	2	0	0	0	2	0	0	2	0	0	0	0	2	2	0	0	2	2	1	2	2	0	2	0	2	2	0
CR1L	2	0	0	0	2	0	0	2	0	0	0	0	2	2	0	0	2	2	1	2	2	0	2	0	2	2	0
CD46	2	0	0	0	2	0	0	2	0	0	0	0	2	2	0	0	2	2	1	2	2	0	2	0	2	2	0
LOC148696	2	0	0	0	2	0	0	2	0	0	0	0	2	2	0	0	2	2	1	2	2	0	2	0	2	2	0
CD34	2	0	0	0	2	0	0	2	0	0	0	0	2	2	0	0	2	2	1	2	2	0	2	0	2	2	0
PLXNA2	2	0	0	0	2	0	0	2	0	0	0	0	2	2	0	0	2	2	1	2	2	0	2	0	2	2	0
LOC642587	2	0	0	0	2	0	0	2	0	0	0	0	2	2	0	0	2	2	1	2	2	0	2	0	0	2	0
CAMK1G	2	0	0	0	2	0	0	2	0	0	0	0	2	2	0	0	2	2	1	2	2	0	2	0	0	2	0
LAMB3	2	0	0	0	2	0	0	2	0	0	0	0	2	2	0	0	2	2	1	2	2	0	2	0	0	2	0
G0S2	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
HSD11B1	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
TRAF3IP3	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
C1orf74	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
IRF6	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
C1orf107	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
SYT14	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
C1orf133	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
SERTAD4	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
HHAT	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
KCNH1	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
RCOR3	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
TRAF5	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
C1orf97	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0

RD3	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
SLC30A1	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
NEK2	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
LPGAT1	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
INTS7	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
DTL	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
PPP2R5A	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
SNORA16B	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
TMEM206	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
NENF	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
ATF3	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	2	0	2	0	0	2	0
FAM71A	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
BATF3	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
NSL1	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
TATDN3	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
C1orf227	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
LQK1	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
FLVCR1	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
VASH2	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
ANGEL2	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
RPS6KC1	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
PROX1	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
SMYD2	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
PTPN14	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
CENPF	1	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
KCNK2	1	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
KCTD3	1	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
USH2A	1	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
ESRRG	1	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
GPATCH2	1	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
SPATA17	1	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
RRP15	1	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
TGFB2	1	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
LYPLAL1	1	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
SLC30A10	2	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
EPRS	2	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
BPNT1	2	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
IARS2	2	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
RAB3GAP2	2	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
SNORA36B	2	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
AURKAPS1	2	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
MARK1	2	0	0	0	2	0	1	2	0	0	0	0	2	0	0	1	2	2	1	2	0	0	2	0	0	2	0
C1orf115	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
MOSC2	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
MOSC1	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
HLX	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
LOC400804	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0

DUSP10	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
HHIPL2	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
TAF1A	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
MIA3	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
AIDA	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
C1orf58	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
FAM177B	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
DISP1	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
SUSD4	2	0	0	0	2	0	0	2	0	0	2	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
C1orf65	2	0	0	0	2	0	0	2	0	0	2	0	2	0	0	0	2	2	1	2	0	0	2	0	0	2	0
CAPN2	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	2	0	0	2	0
TP53BP2	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	2	0	0	2	0
FBXO28	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	2	0	0	2	0
DEGS1	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	2	0	0	2	0
NVL	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	2	0	0	2	0
CNIH4	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	2	0	0	2	0
WDR26	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	2	0	0	2	0
CNIH3	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	2	0	0	2	0
DNAH14	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	2	0	0	2	0
LBR	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	2	0	0	2	0
ENAH	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
SRP9	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
EPHX1	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
TMEM63A	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
LEFTY1	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
PYCR2	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
LEFTY2	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
C1orf55	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
H3F3A	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
LOC440926	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
ACBD3	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
MIXL1	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
LIN9	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
PARP1	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
C1orf95	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
ITPKB	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
PSEN2	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
CABC1	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
CDC42BPA	2	0	0	0	2	0	1	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
ZNF678	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
LOC100130093	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
JMJD4	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	0	0	2	0
SNAP47	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
MPN2	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
WNT9A	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
WNT3A	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
ARF1	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0

C1orf35	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
MRPL55	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
GUK1	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
GJC2	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
C1orf69	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
OBSCN	2	0	0	0	2	0	2	2	0	0	2	0	2	1	1	2	2	2	1	2	0	1	0	2	0	2	0
TRIM11	2	0	0	0	2	0	2	2	0	0	2	0	2	1	1	2	2	2	1	2	0	1	0	2	0	2	0
TRIM17	2	0	0	0	2	0	2	2	0	0	2	0	2	1	1	2	2	2	1	2	0	1	0	2	0	2	0
HIST3H3	2	0	0	0	2	0	2	2	0	0	2	0	2	1	1	2	2	2	1	2	0	1	0	2	0	2	0
HIST3H2A	2	0	0	0	2	0	2	2	0	0	2	0	2	1	1	2	2	2	1	2	0	1	0	2	0	2	0
HIST3H2BB	2	0	0	0	2	0	2	2	0	0	2	0	2	1	1	2	2	2	1	2	0	1	0	2	0	2	0
RNF187	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
DUSP5P	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
RHOU	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
RAB4A	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
SPHAR	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
C1orf96	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
ACTA1	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
NUP133	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
ABCB10	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
TAF5L	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
URB2	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
GALNT2	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
PGBD5	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
COG2	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
AGT	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
CAPN9	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
C1orf198	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
TTC13	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
ARV1	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
FAM89A	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
TRIM67	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	2	2	2	1	2	0	0	0	2	0	2	0
C1orf131	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
GNPAT	2	0	0	0	2	0	2	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
EXOC8	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
C1orf124	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
EGLN1	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
TSNAX	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
DISC1	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
DISC2	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
SIPA1L2	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
KIAA1383	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
C1orf57	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
PCNXL2	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
KIAA1804	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
KCNK1	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
SLC35F3	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0

C1orf31	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
TARBP1	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
IRF2BP2	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	2	0
SNORA14B	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
RBM34	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
TOMM20	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
ARID4B	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
GGPS1	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
TBCE	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
B3GALNT2	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
GNG4	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
LYST	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
NID1	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
GPR137B	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
ERO1LB	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
EDARADD	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
LGALS8	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
HEATR1	2	0	0	0	2	0	0	2	0	0	2	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
ACTN2	2	0	0	0	2	0	0	2	0	0	0	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
MTR	2	0	0	0	2	0	0	2	0	0	0	0	2	0	1	0	2	2	1	2	0	0	0	2	0	0	0
RYR2	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
LOC100130331	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
ZP4	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
LOC339535	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
CHRM3	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
FMN2	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
GREM2	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
RGS7	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
FH	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
KMO	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
OPN3	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
CHML	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
WDR64	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
EXO1	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
MAP1LC3C	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
PLD5	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
CEP170	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
SDCCAG8	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
AKT3	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
ZNF238	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	2	0	0	0
C1orf100	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	2	2	1	0	0	0	0	2	0	0	0
ADSS	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	2	2	1	0	0	0	0	2	0	0	0
C1orf101	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	2	2	1	0	0	0	0	2	0	0	0
PPPDE1	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	2	2	1	0	0	0	0	2	0	0	0
FAM36A	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	2	0	0	0
C1orf199	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	2	0	0	0
HNRNPU	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	2	0	0	0

EFCAB2	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	2	0	0	0
KIF26B	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	2	0	0	0
SMYD3	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	2	0	0	0
TFB2M	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	2	0	0	0
C1orf71	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	2	0	0	0
SCCPDH	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	2	0	0	0
LOC149134	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	2	0	0	0
AHCTF1	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	2	0	0	0
ZNF695	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
ZNF670	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
ZNF669	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
C1orf229	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
ZNF124	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
LOC441931	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
VN1R5	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
ZNF496	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
NLRP3	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
OR2B11	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
OR2W5	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
LOC148824	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
OR2C3	2	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
C1orf150	2	0	0	0	2	0	1	2	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
GRHL1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
KLF11	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CYS1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RRM2	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
C2orf48	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
HPCAL1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ODC1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
NOL10	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ATP6V1C2	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
PDIA6	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
KCNF1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
C2orf50	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
PQLC3	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TRIB2	1	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
FAM84A	1	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
NBAS	1	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
DDX1	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MYCNOS	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MYCN	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
FAM49A	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RAD51AP2	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
VSNL1	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SMC6	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
GEN1	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MSGN1	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0

KCNS3	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RDH14	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
NT5C1B	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
OSR1	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
C2orf79	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
CENPO	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
ADCY3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
DNAJC27	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
EFR3B	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
POMC	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
DNMT3A	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
DTNB	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
ASXL2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
KIF3C	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
RAB10	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
HADHA	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
HADHB	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
GPR113	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
SELI	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
C2orf39	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
OTOF	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
C2orf70	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
CIB4	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
KCNK3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
C2orf18	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
CENPA	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
DPYSL5	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
MAPRE3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
TMEM214	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
AGBL5	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
LOC100128731	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
EMILIN1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
KHK	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
CGREF1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
ABHD1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
PREB	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
C2orf53	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
TCF23	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
SLC5A6	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
C2orf28	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
CAD	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
SLC30A3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
DNAJC5G	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
TRIM54	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
UCN	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
MPV17	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
GTF3C2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0

EIF2B4	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
SNX17	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
ZNF513	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
PPM1G	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
FTHL3P	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
NRBP1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
KRTCAP3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
IFT172	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
FNDC4	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
GCKR	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
C2orf16	2	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
CAPN14	1	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	2	0	2	0	0	0	0	0	0	0
EHD3	1	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
XDH	1	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
SRD5A2	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
MEMO1	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
DPY30	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
SPAST	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
SLC30A6	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
NLRC4	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
YIPF4	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
BIRC6	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
TTC27	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
LOC285045	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
LOC100271832	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
LTBP1	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
RASGRP3	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
FAM98A	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
MYADML	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
CRIM1	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
FEZ2	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
VIT	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
STRN	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
HEATR5B	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
CCDC75	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
EIF2AK2	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
SULT6B1	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
CEBPZ	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
C2orf56	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
PRKD3	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
QPCT	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
CDC42EP3	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
FAM82A1	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
CYP1B1	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
C2orf58	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
ATL2	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
HNRPLL	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0

GALM	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
SFRS7	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
GEMIN6	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
DHX57	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
MORN2	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
LOC100271715	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
SOS1	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
CDKL4	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
MAP4K3	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
TMEM178	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
THUMPD2	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
SLC8A1	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
SGK493	1	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
EML4	1	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
STON1-GTF2A1	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
STON1	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
GTF2A1L	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
LHCGR	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
FSHR	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
NRXN1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
ASB3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
CHAC2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
C2orf30	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
GPR75	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
PSME4	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
ACYP2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
TSPYL6	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
C2orf73	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
SPTBN1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
RPL23AP32	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
EML6	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
RTN4	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
C2orf63	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
RPS27A	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
MTIF2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
NCRNA00117	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
CCDC88A	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
CCDC104	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
SMEK2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
PNPT1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
EFEMP1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
CCDC85A	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
VRK2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
FANCL	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
EHBP1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
LOC100132215	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
OTX1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0

C2orf86	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
MDH1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
LOC388955	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
UGP2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
VPS54	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
PELI1	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
FAM176A	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
MRPL19	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
C2orf3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
LRRTM4	1	0	0	0	2	0	1	0	0	1	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
SNAR-H	1	0	0	0	2	0	1	0	0	1	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
REG3G	1	0	0	0	2	0	1	0	0	1	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
REG1B	1	0	0	0	2	0	1	0	0	1	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
REG1A	1	0	0	0	2	0	1	0	0	1	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
REG1P	1	0	0	0	2	0	1	0	0	1	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
REG3A	1	0	0	0	2	0	1	0	0	1	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
CTNNA2	1	0	0	0	2	0	1	0	0	1	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
LRRTM1	1	0	0	0	2	0	1	0	0	1	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
LOC129293	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
TMSB10	2	0	0	0	2	0	0	0	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
KCMF1	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
TCF7L1	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
TGOLN2	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
RETSAT	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
TGOLN2	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
RETSAT	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
ELMOD3	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
CAPG	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
SH2D6	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
MAT2A	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
GGCX	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
VAMP8	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
VAMP5	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
RNF181	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
TMEM150	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
C2orf68	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
USP39	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
SFTPB	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
GNLY	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
ATOH8	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
ST3GAL5	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
LOC90784	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
POLR1A	2	0	0	2	2	0	2	2	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
PTCD3	2	0	0	2	2	0	0	0	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
SNORD94	2	0	0	2	2	0	0	0	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
IMMT	2	0	0	2	2	0	0	0	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
MRPL35	2	0	0	2	2	0	0	0	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
REEP1	2	0	0	2	2	0	0	0	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
PROM2	2	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	0	0	0	0	0

KCNIP3	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	0	0	0	0	0
FAHD2A	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	0	0	0	0	0
TRIM43	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC729234	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC150763	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ADRA2B	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ASTL	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
DUSP2	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
STARD7	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC285033	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TMEM127	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CIAO1	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SNRNP200	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ITPRIPL1	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
NCAPH	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
NEURL3	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ARID5A	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
KIAA1310	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
FER1L5	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LMAN2L	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CNNM4	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CNNM3	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ANKRD23	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ANKRD39	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SEMA4C	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
FAM178B	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CBWD2	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
FOXD4L1	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
FAM138B	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
WASH2P	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MGC13005	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RPL23AP7	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RABL2A	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SLC35F5	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ACTR3	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
DPP10	1	0	0	0	2	0	1	0	0	0	0	0	2	0	0	1	2	2	0	2	0	0	0	1	0	0	0
CNTNAP5	1	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
NAP5	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	2	1	0	0	0
MGAT5	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	2	1	0	0	0
LOC151162	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	2	1	0	0	0
TMEM163	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	2	1	0	0	0
ACMSD	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	2	1	0	0	0
CCNT2	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	0	2	1	0	0	0
YSK4	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	0	2	0	0	2	1	1	0	0
RAB3GAP1	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	2	1	1	0	0
ZRANB3	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	2	1	1	0	0
R3HDM1	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	2	1	1	0	0

UBXN4	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	2	1	1	0	0
LCT	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	2	1	1	0	0
MCM6	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	2	1	1	0	0
DARS	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	2	1	1	0	0
CXCR4	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	2	1	1	0	0
THSD7B	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	0	0	0	0	2	1	1	0	0
HNMT	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	0	0	0	0	2	1	1	0	0
SPOPL	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
NXPH2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
LRP1B	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
KYNU	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
ARHGAP15	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
GTDC1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
ZEB2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
PABPCP2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
ACVR2A	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
ORC4L	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
MBD5	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
EPC2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
KIF5C	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
LYPD6B	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
LYPD6	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
MMADHC	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
RND3	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
RBM43	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
NMI	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
TNFAIP6	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
RIF1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
NEB	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
ARL5A	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
CACNB4	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
STAM2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
FMNL2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
PRPF40A	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
ARL6IP6	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
RPRM	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
GALNT13	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
KCNJ3	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
NR4A2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
GPD2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	1	1	0	0
GALNT5	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
ERMN	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
CYTIP	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
ACVR1C	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
ACVR1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
UPP2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
CCDC148	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0

PKP4	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
DAPL1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
TANC1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
WDSUB1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
BAZ2B	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
7-Mar	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
CD302	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
LY75	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
PLA2R1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
ITGB6	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
RBMS1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
TANK	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
PSMD14	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
TBR1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
SLC4A10	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
DPP4	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
GCG	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
FAP	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
IFIH1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
GCA	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
KCNH7	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
FIGN	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
GRB14	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	0	1	0	0
COBLL1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SLC38A11	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SCN3A	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SCN2A	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
CSRNP3	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
GALNT3	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
TTC21B	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SCN1A	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SCN9A	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SCN7A	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
XIRP2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
B3GALT1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
STK39	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
LASS6	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
NOSTRIN	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SPC25	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
G6PC2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ABCB11	1	0	0	1	2	0	1	0	1	2	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
DHRS9	1	0	0	1	2	0	1	0	1	2	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
LRP2	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
BBS5	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
KBTBD10	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
FASTKD1	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
PPIG	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0

C2orf77	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
PHOSPHO2	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
KLHL23	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SSB	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
METTL5	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
UBR3	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
MYO3B	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
LOC440925	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SP5	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
GAD1	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
GORASP2	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
TLK1	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
METTL8	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
C2orf37	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
CYBRD1	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
DYNC1I2	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SLC25A12	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
HAT1	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
MAP1D	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
DLX1	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
DLX2	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ITGA6	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
PDK1	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
LOC91149	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
RAPGEF4	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ZAK	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
CDCA7	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SP3	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
OLA1	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SP9	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
CIR	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SCRN3	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
GPR155	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
WIPF1	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
CHRNA1	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
CHN1	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ATF2	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ATP5G3	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
KIAA1715	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
EVX2	1	0	0	1	2	0	2	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
HOXD13	1	0	0	1	2	0	2	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
HOXD12	1	0	0	1	2	0	2	0	2	2	2	0	0	1	0	1	2	2	1	0	0	1	2	2	1	0	0
HOXD11	1	0	0	1	2	0	2	0	2	2	2	0	0	1	0	1	2	2	1	0	0	1	2	2	1	0	0
HOXD10	1	0	0	1	2	0	2	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
HOXD9	1	0	0	1	2	0	2	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
HOXD8	1	0	0	1	2	0	2	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
HOXD4	1	0	0	1	2	0	2	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0

HOXD3	1	0	0	1	2	0	2	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
HOXD1	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
MTX2	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
HNRNPA3	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
NFE2L2	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
LOC100130691	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
AGPS	1	0	0	1	2	0	1	0	2	2	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
TTC30B	1	0	0	1	2	0	1	0	1	1	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
TTC30A	1	0	0	1	2	0	1	0	1	1	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
PDE11A	1	0	0	1	2	0	1	0	1	1	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
RBM45	1	0	0	1	2	0	1	0	1	1	2	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
OSBPL6	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
PRKRA	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
DFNB59	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
FKBP7	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
PLEKHA3	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
TTN	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
CCDC141	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SESTD1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ZNF385B	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
CWC22	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
UBE2E3	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ITGA4	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
CERKL	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
NEUROD1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SSFA2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
PPP1R1C	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
PDE1A	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
DNAJC10	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
FRZB	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
NCKAP1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
DUSP19	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
NUP35	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ZNF804A	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
FLJ44048	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ZC3H15	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ITGAV	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
FAM171B	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ZSWIM2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
CALCRL	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
TFPI	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
GULP1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
DIRC1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
COL3A1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
COL5A2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
WDR75	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SLC40A1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0

ASNSD1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ANKAR	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
OSGEPL1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ORMDL1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
PMS1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
MSTN	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
C2orf88	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
HIBCH	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
INPP1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
MFSD6	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
TMEM194B	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
NAB1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
GLS	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
STAT1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
STAT4	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
MYO1B	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
OBFC2A	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SDPR	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
TMEFF2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
PCGEM1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SLC39A10	1	0	0	0	2	0	1	0	1	0	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
DNAH7	1	0	0	0	2	0	1	0	1	0	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
STK17B	1	0	0	0	2	0	1	0	1	0	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
HECW2	1	0	0	0	2	0	1	0	1	0	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
CCDC150	1	0	0	0	2	0	1	0	1	0	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
GTF3C3	1	0	0	0	2	0	1	0	1	0	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
C2orf66	1	0	0	0	2	0	1	0	1	0	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
PGAP1	1	0	0	0	2	0	1	0	1	0	1	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
ANKRD44	1	0	0	0	2	0	1	0	0	0	0	0	0	1	0	1	2	2	1	0	0	0	2	2	1	0	0
SF3B1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
COQ10B	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
HSPD1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
HSPE1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
MOBKL3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
RFTN2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
MARS2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
BOLL	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
PLCL1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
SATB2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
FLJ32063	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
C2orf69	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
C2orf60	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
C2orf47	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
LOC26010	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
KCTD18	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
SGOL2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
AOX1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0

AOX2P	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
BZW1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
BZW1L1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CLK1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
PPIL3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
NIF3L1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
ORC2L	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
FAM126B	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
NDUFB3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CFLAR	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CASP10	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CASP8	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
ALS2CR12	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
TRAK2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
STRADB	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
ALS2CR11	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
ALS2CR4	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
MPP4	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
ALS2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
PFTK2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
FZD7	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
SUMO1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
NOP58	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
SNORD70	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
SNORD11B	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
SNORD11	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
BMPR2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
FAM117B	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
ICA1L	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
WDR12	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
ALS2CR8	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
NBEAL1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CYP20A1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
ABI2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
RAPH1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CD28	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CTLA4	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
ICOS	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
PARD3B	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
NRP2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
INO80D	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
NDUFS1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
EEF1B2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
SNORD51	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
SNORA41	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
GPR1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
ZDBF2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0

ADAM23	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
LOC200726	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
DYTN	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
MDH1B	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
FASTKD2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CPO	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
KLF7	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CREB1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
FAM119A	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CCNYL1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
FZD5	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
PLEKHM3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CRYGD	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CRYGC	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CRYGB	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CRYGA	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
C2orf80	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
IDH1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
PIP5K3	1	0	0	0	2	0	1	0	0	1	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
PTH2R	1	0	0	0	2	0	1	0	0	1	1	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
MAP2	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
C2orf21	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
RPE	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
C2orf67	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
ACADL	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
MYL1	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
LANCL1	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
CPS1	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
LOC29034	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	2	2	1	0	0	0	2	2	1	0	0
ERBB4	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	2	2	1	0	0	0	2	0	1	0	0
IKZF2	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	2	2	1	0	0	0	2	0	1	0	0
SPAG16	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	2	2	1	0	0	0	2	0	1	0	0
VWC2L	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	2	2	1	0	0	0	2	0	1	0	0
BARD1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	2	0	1	0	0
ABCA12	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	0	0	0	0	2	0	1	0	0
TNS1	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
IL8RBP	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
RUFY4	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
IL8RB	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
IL8RA	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
ARPC2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
GPBAR1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
AAMP	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
PNKD	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
TMBIM1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
C2orf62	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
SLC11A1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0

CTDSP1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	2	0	2	0	0
VIL1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	2	0	2	0	0
USP37	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
RQCD1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
PLCD4	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
ZNF142	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
BCS1L	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
RNF25	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
STK36	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
TTLL4	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
CYP27A1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
PRKAG3	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
WNT6	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
WNT10A	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
CDK5R2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
LOC151300	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
FEV	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
CRYBA2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
CCDC108	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
IHH	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
NHEJ1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
SLC23A3	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
C2orf24	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
FAM134A	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
ZFAND2B	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
ABCB6	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
ATG9A	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
ANKZF1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
GLB1L	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
STK16	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
TUBA4A	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
TUBA4B	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
DNAJB2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
PTPRN	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
RESP18	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
DNPEP	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
DES	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
SPEG	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
GMPPA	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
ACCN4	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
CHPF	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
TMEM198	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
OBSL1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
INHA	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
STK11IP	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
SLC4A3	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
DOCK10	1	0	0	0	2	0	1	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0

KIAA1486	1	0	0	0	2	0	1	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0	
CAB39	2	0	0	0	2	0	2	2	2	2	0	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0	
ITM2C	2	0	0	0	2	0	2	2	2	2	0	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0	
GPR55	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0	
SPATA3	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0	
C2orf72	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0	
PSMD1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0	
HTR2B	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0	
ARMC9	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0	
B3GNT7	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
NCL	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
SNORA75	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
SNORD20	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
SNORD82	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
C2orf52	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
NMUR1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
C2orf57	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
PTMA	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
PDE6D	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
COPS7B	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
NPPC	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
DIS3L2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
ALPP	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
ALPPL2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
ALPI	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
ECEL1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
CHRND	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
CHRNG	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
TIGD1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
EIF4E2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
EFHD1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
GIGYF2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
KCNJ13	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
UNQ830	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
NGEF	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
NEU2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
INPP5D	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
ATG16L1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
SCARNA5	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
SCARNA6	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
SAG	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
DGKD	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
USP40	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
TRPM8	1	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
SPP2	1	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
ARL4C	1	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	
SH3BP4	1	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0	

AGAP1	1	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0
GBX2	1	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
ASB18	1	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
IQCA1	1	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
CXCR7	1	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
COPS8	1	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
COL6A3	1	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
MLPH	1	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
PRLH	1	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
RAB17	1	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
LRRFIP1	1	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
RBM44	1	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
RAMP1	1	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
CHL1	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	0	0	1
CNTN6	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	0	0	1
CNTN4	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	0	0	1
IL5RA	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
TRNT1	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
CRBN	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
LRRN1	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
SETMAR	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
SUMF1	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
ITPR1	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
EGO	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
BHLHE40	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
ARL8B	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
EDEM1	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
GRM7	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	0	0	1
LHFPL4	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
MTMR14	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CPNE9	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
BRPF1	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
OGG1	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CAMK1	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TADA3L	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ARPC4	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TTLL3	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RPUSD3	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CIDEC	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
JAGN1	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
IL17RE	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
IL17RC	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CRELD1	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
PRRT3	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TMEM111	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LOC401052	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CIDECP	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1

FANCD2	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf24	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf10	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
VHL	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
IRAK2	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TATDN2	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf42	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
GHRL	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
GHRLOS	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SEC13	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ATP2B2	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LOC285370	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SLC6A11	2	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
COLQ	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
HACL1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
BTD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
ANKRD28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
GALNTL2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
DPH3	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
OXNAD1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
RFTN1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
DAZL	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	0	0	1
PLCL2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	0	0	1
TBC1D5	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
SATB1	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
KCNH8	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
EFHB	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
RAB5A	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
KAT2B	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
SGOL1	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
VENTXP7	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
ZNF385D	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
UBE2E2	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
UBE2E1	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
NKIRAS1	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
RPL15	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
NR1D2	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
LOC152024	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
THRB	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
RARB	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
TOP2B	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
NGLY1	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
OXSM	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
LRRC3B	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
NEK10	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
SLC4A7	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
EOMES	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1

CMC1	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
AZI2	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
ZCWPW2	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
RBMS3	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
TGFBR2	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
GADL1	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
STT3B	1	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
OSBPL10	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
ZNF860	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
GPD1L	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
CMTM8	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
CMTM7	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
CMTM6	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
DYNC1LI1	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
CNOT10	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
TRIM71	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
CCR4	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
GLB1	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
TMPPE	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
CRTAP	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
SUSD5	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
FBXL2	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
UBP1	1	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
CLASP2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
PDCD6IP	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
ARPP-21	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
STAC	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	1	2	2	1	0	0	0	0	1	1	0	1
DCLK3	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
LBA1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
EPM2AIP1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
MLH1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
LRRFIP2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
GOLGA4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
C3orf35	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
KBTBD5	2	0	0	0	0	0	2	2	0	0	0	0	2	0	2	2	1	2	1	2	0	0	0	1	2	0	1
HHATL	2	0	0	0	0	0	2	2	0	0	0	0	2	0	2	2	1	2	1	2	0	0	0	1	2	0	1
ATRIP	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TREX1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SHISA5	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
PFKFB4	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
UCN2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
COL7A1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
UQCRC1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TMEM89	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SLC26A6	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CELSR3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
NCKIPSD	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1

IP6K2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
PRKAR2A	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SLC25A20	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf71	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ARIH2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
P4HTM	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
WDR6	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
DALRD3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
NDUFAF3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
IMPDH2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
QRICH1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
QARS	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
USP19	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LAMB2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LAMB2L	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CCDC71	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
KLHDC8B	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LOC646498	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CCDC36	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf62	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
USP4	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
GPX1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RHOA	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TCTA	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
AMT	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
NICN1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
DAG1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
BSN	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
APEH	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
MST1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RNF123	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
AMIGO3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
GMPPB	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
IP6K1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CDH29	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf54	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
UBA7	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TRAIP	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CAMKV	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
MST1R	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
MON1A	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RBM6	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RBM5	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SEMA3F	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
GNAT1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SLC38A3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
GNAI2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1

SEMA3B	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf45	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
IFRD2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
HYAL3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
NAT6	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
HYAL1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
HYAL2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TUSC2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RASSF1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ZMYND10	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TUSC4	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CYB561D2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TMEM115	2	0	0	2	0	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CACNA2D2	2	0	0	2	0	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf18	2	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	1	0	1	2	0	1
HEMK1	2	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	1	0	1	2	0	1
CISH	2	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
MAPKAPK3	2	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CACNA2D3	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2	2	2	1	2	0	0	0	1	2	0	1
HESRG	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LRTM1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2	2	2	1	2	0	0	0	1	2	0	1
WNT5A	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2	2	2	1	2	0	0	0	1	0	0	1
ERC2	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2	2	2	1	2	0	0	0	1	0	0	1
C3orf51	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2	2	2	1	2	0	0	0	1	0	0	1
CCDC66	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
C3orf63	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
ARHGEF3	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
SPATA12	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
IL17RD	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
HESX1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
APPL1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
ASB14	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
DNAH12	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
PDE12	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
ARF4	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
FAM116A	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
C3orf67	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
FHIT	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
PTPRG	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
ID2B	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
C3orf14	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
FEZF2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
CADPS	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
LOC285401	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
SYNPR	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
S100A1L	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
C3orf49	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1

THOC7	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
ATXN7	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
PSMD6	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
PRICKLE2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
ADAMTS9	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
MAGI1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
SLC25A26	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
LRIG1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
KBTBD8	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
SUCLG2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
FAM19A1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
FAM19A4	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
C3orf64	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
TMF1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
UBA3	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
ARL6IP5	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
LMOD3	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
FRMD4B	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
MITF	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
FOXP1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
EIF4E3	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
GPR27	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
PROK2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
RYBP	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
SHQ1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
GLT8D4	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
PPP4R2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
FLJ10213	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
PDZRN3	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	0	0	1
CNTN3	1	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	1	0	1
FAM86D	1	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	1	0	1
FRG2C	1	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	1	0	1
ZNF717	1	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0	2	2	1	0	0	0	0	0	1	0	1
ROBO2	1	0	0	1	0	0	1	0	1	1	1	0	0	1	2	1	2	2	1	0	0	0	0	0	1	0	1
ROBO1	1	0	0	1	0	0	1	0	1	1	1	0	0	1	2	1	2	2	1	0	0	0	0	0	1	0	1
GBE1	1	0	0	1	0	0	1	0	1	1	1	0	0	1	2	1	2	2	1	0	0	0	0	0	1	0	1
CADM2	1	0	0	1	0	0	1	0	1	1	1	0	0	1	2	1	2	0	1	0	0	0	0	0	1	0	1
VGLL3	1	0	0	1	0	0	1	0	1	1	1	0	0	1	2	1	2	0	1	0	0	0	0	0	1	0	1
CHMP2B	1	0	0	1	0	0	1	0	1	1	1	0	0	1	2	1	2	0	1	0	0	0	0	0	1	0	1
POU1F1	1	0	0	1	0	0	1	0	1	1	1	0	0	1	2	1	2	0	1	0	0	0	0	0	1	0	1
HTR1F	1	0	0	1	0	0	1	0	1	1	1	0	0	1	2	1	2	0	1	0	0	0	0	0	1	0	1
CGGBP1	1	0	0	1	0	0	1	0	1	1	1	0	0	1	2	1	2	0	1	0	0	0	0	0	1	0	1
ZNF654	1	0	0	1	0	0	1	0	1	1	1	0	0	1	2	1	2	0	1	0	0	0	0	0	1	0	1
C3orf38	1	0	0	1	0	0	1	0	1	1	1	0	0	1	2	1	2	0	1	0	0	0	0	0	1	0	1
EPHA3	1	0	0	1	0	0	1	0	1	1	1	0	0	1	2	1	2	0	1	0	0	0	0	0	1	0	1
PROS1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
ARL13B	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0

STX19	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
DHFRL1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
NSUN3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
LOC255025	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
EPHA6	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
ARL6	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
CRYBG3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
MINA	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
GABRR3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
OR5AC2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
OR5H1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
OR5H14	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
OR5H15	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
OR5H6	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
OR5H2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
OR5K4	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
OR5K3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
OR5K1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
OR5K2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
CLDND1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
GPR15	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
CPOX	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
ST3GAL6	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
DCBLD2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
COL8A1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
C3orf26	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
FILIP1L	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
TBC1D23	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
NIT2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
TOMM70A	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
LNP1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
TMEM45A	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
GPR128	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
TFG	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
ABI3BP	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
IMPG2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
SENP7	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
RG9MTD1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
PCNP	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
ZBTB11	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
LOC100009676	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
RPL24	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
LOC285359	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
CEP97	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
FAM55C	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
NFKBIZ	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
LOC152225	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0

ZPLD1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
ALCAM	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
CBLB	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
CCDC54	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
BBX	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
LOC151658	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
LOC285205	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
CD47	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
IFT57	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
HHLA2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
MYH15	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
KIAA1524	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
DZIP3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
RETNLB	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
TRAT1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
GUCA1C	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
MORC1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
C3orf66	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
DPPA2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
DPPA4	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
FLJ25363	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
PVRL3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
CD96	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
ZBED2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
PLCXD2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
PHLDB2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
ABHD10	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
TAGLN3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
TMPRSS7	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
C3orf52	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
GCET2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
SLC9A10	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
CD200	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
BTLA	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
ATG3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
SLC35A5	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
CCDC80	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
CD200R1L	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
CD200R1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
GTPBP8	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
C3orf17	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
BOC	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
WDR52	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
CCDC52	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
SIDT1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
KIAA2018	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
NAT13	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0

ATP6V1A	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
GRAMD1C	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
ZDHHC23	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
KIAA1407	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
QTRTD1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
DRD3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
ZNF80	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
TIGIT	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
ZBTB20	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
GAP43	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
LSAMP	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
LOC285194	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
IGSF11	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
C3orf30	1	0	0	0	2	0	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
UPK1B	1	0	0	0	2	0	1	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
B4GALT4	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
CDGAP	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
TMEM39A	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
KTELC1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
C3orf1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
CD80	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
ADPRH	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
PLA1A	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
POPDC2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
COX17	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
C3orf15	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
NR1I2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
GSK3B	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
GPR156	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
LRRC58	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
FSTL1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
NDUFB4	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
HGD	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
RABL3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
GTF2E1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
STXBP5L	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
POLQ	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
ARGFX	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
FBXO40	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
HCLS1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
GOLGB1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
IQCB1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
EAF2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
SLC15A2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
ILDR1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
CD86	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
CASR	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0

CSTA	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
CCDC58	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
FAM162A	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
WDR5B	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
KPNA1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
PARP9	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
DTX3L	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
PARP15	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
PARP14	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
HSPBAP1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
DIRC2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
LOC100129550	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
SEMA5B	1	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
PDIA5	1	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
SEC22A	1	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ADCY5	1	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
PTPLB	1	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
MYLK	1	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
CCDC14	1	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ROPN1	1	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
KALRN	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
UMPS	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ITGB5	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
MUC13	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
HEG1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
SLC12A8	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ZNF148	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
SNX4	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
OSBPL11	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
LOC100125556	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ALG1L	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ROPN1B	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
SLC41A3	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ALDH1L1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
KLF15	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
CCDC37	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ZXDC	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
UROC1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
CHST13	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
C3orf22	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
TR2IT1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0
CHCHD6	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
PLXNA1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
GPR175	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
MCM2	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
PODXL2	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
ABTB1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0

MGLL	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
KLHDC6	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
SEC61A1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
RUVBL1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
EEFSEC	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
DNAJB8	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
GATA2	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
LOC90246	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
C3orf27	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
RPN1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
RAB7A	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
ACAD9	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
KIAA1257	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
CCDC48	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
GP9	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
RAB43	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
ISY1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
CNBP	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
COPG	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
C3orf37	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
H1FX	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
C3orf47	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
RPL32P3	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
SNORA7B	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
C3orf25	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
MBD4	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
IFT122	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
RHO	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
H1FOO	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
PLXND1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
TMCC1	2	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	0	0	1	2	0	0	0	0	2	0	0
TRH	2	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	2	0	0
LOC644974	2	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	2	0	0
LOC729375	2	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	2	0	0
COL29A1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
COL6A6	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
PIK3R4	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ATP2C1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ASTE1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
NEK11	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
NUDT16P	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
NUDT16	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
MRPL3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
SNORA58	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
CPNE4	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ACPP	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
DNAJC13	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0

ACAD11	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
CCRL1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
UBA5	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
NPHP3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
NCRNA00119	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
TMEM108	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
BFSP2	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
CDV3	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
TOPBP1	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
TF	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
SRPRB	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
RAB6B	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
C3orf36	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
SLCO2A1	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
RYK	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
AMOTL2	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ANAPC13	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
CEP63	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
KY	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
EPHB1	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
PPP2R3A	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
MSL2	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
PCCB	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
STAG1	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
TMEM22	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
NCK1	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
IL20RB	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
SOX14	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
CLDN18	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
DZIP1L	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
A4GNT	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
DBR1	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ARMC8	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
TXNDC6	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
MRAS	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
FAM62C	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
CEP70	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
FAIM	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
PIK3CB	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
FOXL2	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
C3orf72	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
LOC729627	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
LOC389151	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
FLJ46210	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
BPESC1	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
PISRT1	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
MRPS22	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0

COPB2	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
RBP2	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
RBP1	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
NMNAT3	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
CLSTN2	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
TRIM42	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
SLC25A36	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
SPSB4	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ACPL2	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
ZBTB38	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
RASA2	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
RNF7	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0
GRK7	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0
ATP1B3	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
TFDP2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
GK5	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
XRN1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
ATR	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
PLS1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
TRPC1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
PCOLCE2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
PAQR9	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
SR140	1	0	0	1	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
CHST2	1	0	0	1	2	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
SLC9A9	1	0	0	1	2	0	1	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
C3orf58	1	0	0	1	2	0	1	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
PLOD2	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
PLSCR4	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
PLSCR2	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
PLSCR1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
PLSCR5	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
ZIC4	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
ZIC1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
AGTR1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
CPB1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
CPA3	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
GYG1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
HLTF	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
HPS3	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
CP	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
TM4SF18	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
TM4SF1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
TM4SF4	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
WWTR1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
COMMD2	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
C3orf16	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
RNF13	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0

PFN2	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
TSC22D2	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
SERP1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
EIF2A	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
SELT	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
C3orf44	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
SIAH2	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
CLRN1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
CLRN1OS	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
MED12L	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
GPR171	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
P2RY14	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
GPR87	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
P2RY13	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
P2RY12	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
IGSF10	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
AADACL2	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
LOC201651	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0
AADAC	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	0	1	0	0	0	0	0	1	0	0
SUCNR1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	0	1	0	0	0	0	0	1	0	0
LOC401093	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
MBNL1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
TMEM14E	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
P2RY1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
RAP2B	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
LOC152118	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SGEF	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
DHX36	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
GPR149	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
MME	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
PLCH1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
C3orf33	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SLC33A1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
GMPS	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
KCNAB1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SSR3	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
TIPARP	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
PA2G4P4	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
LEKR1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
CCNL1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
VEPH1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
PTX3	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
C3orf55	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SHOX2	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
RSRC1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
MLF1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
GFM1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0

LXN	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
RARRES1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
MFSD1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
IQCJ	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SCHIP1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
IL12A	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
IFT80	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SMC4	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
TRIM59	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
KPNA4	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SCARNA7	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
ARL14	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
PPM1L	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
B3GALNT1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
NMD3	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
C3orf57	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
OTOL1	1	0	0	1	2	0	1	0	1	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SI	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SLITRK3	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
BCHE	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
ZBBX	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SERPINI2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
WDR49	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
PDCD10	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SERPINI1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
GOLIM4	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
C3orf50	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
EVI1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
MDS1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
TERC	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
ARPM1	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
MYNN	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
LRRC34	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
LRRIQ4	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
LRRC31	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SAMD7	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
LOC100128164	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SEC62	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
GPR160	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
PHC3	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
PRKCI	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SKIL	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
CLDN11	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SLC7A14	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
RPL22L1	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
EIF5A2	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SLC2A2	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0

TNIK	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
PLD1	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
FNDC3B	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
GHSR	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
TNFSF10	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
AADACL1	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
ECT2	1	0	0	0	2	0	1	0	2	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
SPATA16	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
NLGN1	1	0	0	0	2	0	1	0	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
NAALADL2	1	0	0	0	2	0	1	1	0	1	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
TBL1XR1	1	0	0	0	2	0	1	0	0	0	0	0	0	1	0	1	2	2	1	0	0	0	0	0	1	0	0
KCNMB2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
ZMAT3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
PIK3CA	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
KCNMB3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
ZNF639	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
MFN1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
GNB4	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
ACTL6A	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
MRPL47	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
NDUFB5	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
USP13	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
PEX5L	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
TTC14	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
CCDC39	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
FXR1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
DNAJC19	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
SOX2OT	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
SOX2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
ATP11B	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
DCUN1D1	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
MCCC1	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	1	0	0
LAMP3	2	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	1	0	0
MCF2L2	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	1	0	0
B3GNT5	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
KLHL6	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
KLHL24	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
YEATS2	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
MAP6D1	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
PARL	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
ABCC5	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
HTR3D	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
HTR3C	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
HTR3E	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
EIF2B5	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
DVL3	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
AP2M1	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0

ABCF3	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
VWA5B2	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
ALG3	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
ECE2	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
CAMK2N2	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
PSMD2	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
EIF4G1	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
SNORD66	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
FAM131A	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
CLCN2	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
POLR2H	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
THPO	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
CHRD	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
EPHB3	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
MAGEF1	2	0	0	0	2	0	2	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
VPS8	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
C3orf70	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
EHHADH	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
MAP3K13	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
TMEM41A	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
LIPH	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
SENP2	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
IGF2BP2	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
C3orf65	2	0	0	0	2	0	0	2	2	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
TRA2B	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
ETV5	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
DGKG	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
CRYGS	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
TBCCD1	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
DNAJB11	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
AHSG	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
FETUB	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
HRG	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
KNG1	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
EIF4A2	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
SNORD2	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
SNORA81	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
SNORA63	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
SNORA4	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
RFC4	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
ADIPOQ	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
ST6GAL1	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
RPL39L	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
RTP1	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
MASP1	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
RTP4	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0
SST	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0

RTP2	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
BCL6	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
FLJ42393	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
LPP	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
TPRG1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
TP63	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
LEPREL1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
CLDN1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
CLDN16	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
TMEM207	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
IL1RAP	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
LOC647309	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
SNAR-I	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
OSTN	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
UTS2D	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
CCDC50	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
PYDC2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
FGF12	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0
C3orf59	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
HRASLS	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
MGC2889	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
ATP13A5	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
ATP13A4	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
OPA1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
PIGG	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	0	0	2	0	0	1	2	0	0	1
PDE6B	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	0	0	1
ATP5I	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	0	0	1
MYL5	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	0	0	1
MFSD7	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
PCGF3	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
CPLX1	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
GAK	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
TMEM175	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
DGKQ	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
SLC26A1	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
IDUA	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
FGFRL1	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
RNF212	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
SPON2	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
LOC100130872	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
CTBP1	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
C4orf42	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
MAEA	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
KIAA1530	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
CRIPAK	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1	1	2	0	0	1
FAM53A	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
SLBP	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1

TMEM129	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
TACC3	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
FGFR3	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
LETM1	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
WHSC1	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
SCARNA22	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
WHSC2	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
C4orf48	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
NAT8L	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
POLN	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
HAUS3	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
MXD4	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
ZFYVE28	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
RNF4	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
C4orf8	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
TNIP2	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
SH3BP2	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
ADD1	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
MFSD10	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
C4orf10	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
NOP14	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
GRK4	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
HTT	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
C4orf44	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
RGS12	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
HGFAC	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
DOK7	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
LRPAP1	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
ADRA2C	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
LOC348926	2	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	1	2	0	2	0	1	1	2	0	0	1
OTOP1	1	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
TMEM128	1	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
LYAR	1	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
ZNF509	1	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
D4S234E	1	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
STX18	1	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
MSX1	1	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
CYTL1	1	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
STK32B	1	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
C4orf6	1	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
EVC2	1	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
EVC	1	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
CRMP1	2	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
C4orf50	2	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
JAKMIP1	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
WFS1	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
PPP2R2C	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1

MAN2B2	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
MRFAP1	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
S100P	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
MRFAP1L1	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
CNO	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
KIAA0232	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
TBC1D14	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
CCDC96	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
TADA2B	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
GRPEL1	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
FLJ36777	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
SORCS2	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
PSAPL1	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
LOC84740	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
AFAP1	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
ABLIM2	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
SH3TC1	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	1	1	2	0	0	1
HTRA3	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	0	1	2	0	0	1
ACOX3	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	0	2	0	0	1	2	0	0	1
C4orf23	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	2	1	2	0	0	1	2	0	0	1
GPR78	2	0	0	0	0	0	2	0	2	0	0	1	0	1	1	2	1	0	1	2	1	1	1	2	0	0	1
CPZ	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	0	1	2	0	0	1	2	0	0	1
USP17	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	0	1	2	0	0	0	2	0	0	1
DUB4	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	0	1	2	0	0	0	2	0	0	1
DEFB131	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	0	1	2	0	0	0	2	0	0	1
LOC650293	2	0	0	0	0	0	2	0	2	0	0	0	0	0	1	2	1	0	1	2	0	0	0	2	0	0	1
ZNF518B	1	0	0	0	0	0	1	0	0	1	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1
CLNK	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1
HS3ST1	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1
HSP90AB2P	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	0	0	0	0	2	0	1
RAB28	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	0	0	0	0	2	0	1
NKX3-2	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	0	0	0	0	2	0	1
LOC285548	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	0	0	0	0	2	0	1
BOD1L	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	0	0	0	0	2	0	1
CPEB2	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	0	0	0	0	2	0	1
C1QTNF7	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	1
CC2D2A	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	1
FBXL5	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	1
LOC285550	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	1
BST1	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	1
CD38	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	1
FGFBP1	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	1
FGFBP2	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	1
PROM1	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	1
TAPT1	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	1
LDB2	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	1
QDPR	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	1

CLRN2	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	2	0	1
LAP3	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1
MED28	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1
FAM184B	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
C4orf30	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
NCAPG	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
LCORL	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
SLIT2	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
PACRGL	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
KCNIP4	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
NCRNA00099	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
GPR125	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
GBA3	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
PPARGC1A	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
DHX15	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
SOD3	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	2	1	0	1	0	1	0	0	0	1	0	1
CCDC149	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	2	1	0	1	0	1	0	0	0	1	0	1
LGI2	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	2	1	0	1	0	1	0	0	0	1	0	1
SEPSECS	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	2	1	0	1	0	1	0	0	0	1	0	1
PI4K2B	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	2	1	0	1	0	1	0	0	0	1	0	1
ZCCHC4	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	2	1	0	1	0	1	0	0	0	1	0	1
ANAPC4	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	2	1	0	1	0	1	0	0	0	1	0	1
SLC34A2	1	0	0	0	0	0	2	0	0	1	1	0	1	0	1	2	1	0	1	0	1	0	0	0	1	0	1
KIAA0746	1	0	0	0	0	0	2	0	0	1	1	0	1	0	1	2	1	0	1	0	1	0	0	0	1	0	1
LOC389203	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	2	1	0	1	0	1	0	0	0	1	0	1
RBPJ	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
CCKAR	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
TBC1D19	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
STIM2	1	0	0	0	0	0	1	0	0	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
PCDH7	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
ARAP2	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
FLJ16686	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
KIAA1239	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
C4orf19	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
RELL1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
PGM2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
TBC1D1	1	0	0	0	0	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
PTTG2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
FLJ13197	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
KLF3	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
TLR10	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
TLR1	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
TLR6	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
FAM114A1	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
TMEM156	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
KLHL5	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
WDR19	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1

RFC1	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
KLB	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
RPL9	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
LIAS	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
LOC401127	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
UGDH	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
C4orf34	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
UBE2K	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
PDS5A	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
LOC344967	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
N4BP2	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
RHOH	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
CHRNA9	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
RBM47	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
NSUN7	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
APBB2	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
UCHL1	1	0	0	0	2	0	1	2	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
LIMCH1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
PHOX2B	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
TMEM33	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
WDR21B	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
SLC30A9	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
BEND4	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
SHISA3	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
ATP8A1	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
GRXCR1	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	1
KCTD8	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	1
YIPF7	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	1
GUF1	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	1
GNPDA2	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	1
GABRG1	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	1
GABRA2	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	1
COX7B2	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
GABRA4	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
GABRB1	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
COMMD8	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
ATP10D	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
CORIN	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
NFXL1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
CNGA1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
NIPAL1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
TXK	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
TEC	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
SLAIN2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
SLC10A4	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
ZAR1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
FRYL	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0

OCIAD1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
OCIAD2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
FLJ21511	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	1	0	0
DCUN1D4	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	0
LRRC66	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	0
SGCB	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	0
SPATA18	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	1	0	1
USP46	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
KIAA0114	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
SNORA26	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
RASL11B	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
SCFD2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
FIP1L1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
LNX1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
RPL21P44	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	0	0	0	0	1	0	1
CHIC2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	0	0	0	0	1	0	1
GSX2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	0	0	0	0	1	0	1
PDGFRA	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	0	0	0	0	1	0	1
KIT	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
KDR	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
SRD5A3	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
TMEM165	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
CLOCK	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
PDCL2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
NMU	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
LOC644145	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
EXOC1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
CEP135	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
KIAA1211	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
AASDH	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
PPAT	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
PAICS	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
SRP72	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
ARL9	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
HOPX	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
SPINK2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
REST	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
C4orf14	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	1	1	0	1	0	0	0	1	0	1
POLR2B	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	1	1	1	1	1	1	0	0	0	1	0	1
IGFBP7	1	0	0	0	0	0	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LPHN3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SRD5A2L2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
EPHA5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CENPC1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
STAP1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UBA6	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LOC550112	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1

GNRHR	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TMPRSS11D	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TMPRSS11A	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TMPRSS11F	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SYT14L	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LOC100130017	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
FLJ41562	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TMPRSS11B	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
YTHDC1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TMPRSS11E2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TMPRSS11E	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UGT2B17	1	0	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UGT2B15	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UGT2B10	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UGT2A3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UGT2B7	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UGT2B11	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UGT2B28	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UGT2B4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UGT2A1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UGT2A2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SULT1B1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SULT1E1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CSN1S1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CSN2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
STATH	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
HTN3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
HTN1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CSN1S2A	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CSN1S2B	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf40	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ODAM	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf7	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CSN3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf35	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SMR3A	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SMR3B	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PROL1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
MUC7	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
AMTN	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
AMBN	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ENAM	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
IGJ	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UTP3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
RUFY3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
GRSF1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
MOBKL1A	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1

DCK	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SLC4A4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
GC	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NPFFR2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ADAMTS3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
COX18	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ANKRD17	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ALB	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
AFP	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
AFM	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
RASSF6	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
IL8	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CXCL6	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PPBPL1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PF4V1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CXCL1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PF4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PPBP	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CXCL5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CXCL3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PPBPL2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CXCL2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
MTHFD2L	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
EPGN	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
EREG	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
AREG	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
BTC	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
DKFZP564O082	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
RCHY1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
THAP6	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf26	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CDKL2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
G3BP2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
USO1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PPEF2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NAAA	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SDAD1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CXCL9	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ART3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CXCL10	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CXCL11	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NUP54	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SCARB2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
FAM47E	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
STBD1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CCDC158	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SHROOM3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1

ANKRD56	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
11-Sep	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CCNI	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CCNG2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CXCL13	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CNOT6L	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
MRPL1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
FRAS1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ANXA3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
BMP2K	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PAQR3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ARD1B	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
GK2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
GDEP	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ANTXR2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PRDM8	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
FGF5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf22	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
BMP3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PRKG2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
RASGEF1B	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
HNRNPD	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
HNRPDL	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ENOPH1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
FLJ12993	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf11	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SCD5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SEC31A	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
THAP9	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LIN54	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
COPS4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PLAC8	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
COQ2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
HPSE	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
HELQ	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
MRPS18C	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
FAM175A	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
AGPAT9	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NKX6-1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CDS1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
WDFY3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf12	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ARHGAP24	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
MAPK10	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PTPN13	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SLC10A6	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf36	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1

AFF1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
KLHL8	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
HSD17B13	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
HSD17B11	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
NUDT9	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
SPARCL1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
DSPP	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
DMP1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
IBSP	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
MEPE	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
SPP1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
PKD2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
ABCG2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
PPM1K	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
HERC6	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
HERC5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
PIGY	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
HERC3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
NAP1L5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
FAM13AOS	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
FAM13A	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
TIGD2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
GPRIN3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
SNCA	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
MMRN1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
KIAA1680	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
TMSL3	1	1	2	1	1	0	1	0	1	1	1	0	2	1	1	2	2	2	2	2	2	0	2	1	2	2	1
GRID2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
ATOH1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
SMARCAD1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
PGDS	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
PDLIM5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
BMPR1B	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
UNC5C	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
PDHA2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
C4orf37	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
RAP1GDS1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
TSPAN5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
EIF4E	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
METAP1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
ADH5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
ADH4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
ADH6	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
ADH1A	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
ADH1B	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
ADH1C	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
ADH7	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1

C4orf17	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
RG9MTD2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
MTTP	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
DAPP1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
MAPKSP1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
DNAJB14	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
H2AFZ	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
LOC256880	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
DDIT4L	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
EMCN	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
PPP3CA	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
BANK1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
SLC39A8	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
NFKB1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
MANBA	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
UBE2D3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
CISD2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
NHEDC1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
NHEDC2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
BDH2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
CENPE	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
TACR3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
CXXC4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
TET2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
PPA2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
EEF1AL7	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
FLJ20184	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
INTS12	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
GSTCD	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
NPNT	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
TBCKL	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
SCYE1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
DKK2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
PAPSS1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
SGMS2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
CYP2U1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
HADH	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
LEF1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
LOC285456	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
RPL34	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
OSTC	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
AGXT2L1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
COL25A1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
SEC24B	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
CCDC109B	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
CASP6	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
PLA2G12A	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1

CFI	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
GAR1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
RRH	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
LRIT3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
EGF	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
ELOVL6	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
ENPEP	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PITX2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf32	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf16	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TIFA	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ALPK1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NEUROG2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LOC91431	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf21	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LARP7	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ANK2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CAMK2D	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ARSJ	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UGT8	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NDST4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TRAM1L1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NDST3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SNHG8	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SNORA24	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PRSS12	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CEP170L	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
METTL14	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SEC24D	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SYNPO2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
MYOZ2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
USP53	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
FABP2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PDE5A	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
MAD2L1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PRDM5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf31	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TNIP3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
QRFPR	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ANXA5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TMEM155	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LOC100192379	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
EXOSC9	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CCNA2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
BBS7	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TRPC3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1

KIAA1109	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ADAD1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
IL2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
IL21	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LOC729338	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
BBS12	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
FGF2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NUDT6	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SPATA5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SPRY1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LOC285419	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ANKRD50	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
FAT4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
INTU	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SLC25A31	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
HSPA4L	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PLK4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
MFSD8	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf29	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LARP2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PGRMC2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PHF17	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SCLT1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf33	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PCDH10	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PABPC4L	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PCDH18	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SLC7A11	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CCRN4L	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
ELF2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
C4orf49	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
NDUFC1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
NARG1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
RAB33B	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
SETD7	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
MGST2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
MAML3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
SCOC	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	2	0	1
CLGN	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ELMOD2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
UCP1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TBC1D9	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
RNF150	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ZNF330	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
IL15	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
INPP4B	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
USP38	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1

GAB1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SMARCA5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LOC441046	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
GYPE	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
GYPB	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
GYPA	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
HHIP	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ANAPC10	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ABCE1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
OTUD4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SMAD1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
MMAA	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LOC646603	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ZNF827	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LSM6	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SLC10A7	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
POU4F2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TTC29	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
EDNRA	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TMEM184C	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LOC90826	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ARHGAP10	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NR3C2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
DCLK2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LRBA	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
MAB21L2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
RPS3A	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SNORD73A	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SH3D19	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ESSPL	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
FAM160A1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PET112L	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
FBXW7	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
TMEM154	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
TIGD4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
ARFIP1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
FHDC1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
TRIM2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
ANXA2P1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
MND1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
KIAA0922	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
TLR2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
RNF175	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
SFRP2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
DCHS2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	2	0	1
PLRG1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
FGB	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1

FGA	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
FGG	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
LRAT	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
RBM46	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
NPY2R	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
MAP9	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
GUCY1A3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
GUCY1B3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
ACCN5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
TDO2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
CTSO	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
PDGFC	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
GLRB	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
GRIA2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
LOC340017	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
C4orf18	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
TMEM144	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
RXFP1	1	0	0	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
C4orf46	1	0	0	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
ETFDH	1	0	0	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
PPID	1	0	0	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
FNIP2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
C4orf45	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
RAPGEF2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
FSTL5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
NAF1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NPY1R	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NPY5R	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TKTL2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf43	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
1-Mar	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ANP32C	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TRIM61	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf39	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TRIM60	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TRIM75	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TMEM192	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
KLHL2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
GK3P	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SC4MOL	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CPE	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
TLL1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SPOCK3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ANXA10	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
DDX60	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
DDX60L	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
PALLD	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1

CBR4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SH3RF1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NEK1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
CLCN3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
C4orf27	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
MFAP3L	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
AADAT	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
GALNTL6	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
GALNT7	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
HMGB2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SAP30	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SCRG1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
HAND2	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NBLA00301	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
MORF4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
FBXO8	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
KIAA1712	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
HPGD	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
GLRA3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ADAM29	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
GPM6A	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
WDR17	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SPATA4	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
ASB5	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
SPCS3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
VEGFC	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
NEIL3	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
AGA	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
LOC285501	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	0	1	0	0	0	1	0	1
MGC45800	1	0	1	0	0	0	1	0	1	1	0	0	1	1	1	1	1	1	1	0	1	0	0	0	1	0	1
ODZ3	1	0	1	0	0	0	1	0	1	1	0	0	1	1	1	1	1	1	1	0	1	0	0	0	1	0	1
DCTD	1	0	1	0	0	0	1	0	0	0	0	0	1	1	1	0	1	0	1	0	1	0	0	0	1	0	1
FAM92A3	1	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
C4orf38	1	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
WWC2	1	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
CLDN22	1	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
CDKN2AIP	1	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
ING2	1	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
RWDD4A	1	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
C4orf41	1	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
STOX2	1	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
ENPP6	1	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
IRF2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
CASP3	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
CCDC111	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
MLF1IP	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
ACSL1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1

SLED1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
HELT	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
SLC25A4	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
KIAA1430	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
SNX25	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
LRP2BP	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
ANKRD37	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
UFSP2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
C4orf47	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
CCDC110	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
PDLIM3	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
SORBS2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
TLR3	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
FAM149A	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
CYP4V2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
KLKB1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
F11	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
MTNR1A	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
FAT1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
ZFP42	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
TRIML2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
TRIML1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	1	0	1
FRG1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	1	0	1
PLEKHG4B	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	0	0	0	2	0	0
LOC389257	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	0	0	0	2	0	0
CCDC127	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	0	0	0	2	0	0
SDHA	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	0	0	0	2	0	0
PDCD6	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	0	0	0	2	0	0
AHRR	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	0	0	0	2	0	0
C5orf55	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	0	0	0	2	0	0
EXOC3	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	0	0	0	2	0	0
LOC25845	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
SLC9A3	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
CEP72	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
TPPP	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
ZDHHC11	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
BRD9	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
TRIP13	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
NKD2	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
SLC12A7	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	1
SLC6A19	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
SLC6A18	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
TERT	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
CLPTM1L	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
SLC6A3	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
LPCAT1	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
SDHAP3	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0

LOC728613	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
MRPL36	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
NDUFS6	2	0	2	0	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
IRX4	2	0	2	1	0	0	2	0	0	0	0	0	2	0	1	0	0	2	2	0	0	1	0	2	0	0	0
CDH18	1	0	2	1	0	0	1	0	1	1	0	0	0	1	1	1	2	2	2	0	0	0	2	1	1	0	0
LOC728411	1	0	2	1	0	0	1	0	1	1	0	0	0	1	1	1	2	2	2	0	0	0	2	1	1	0	0
CDH12	1	0	2	1	0	0	1	0	1	1	0	0	0	1	1	1	2	2	2	0	0	0	2	1	1	0	0
PMCHL1	1	0	2	1	0	0	1	0	1	1	0	0	0	1	1	1	2	2	2	0	0	0	2	1	1	0	0
PRDM9	1	0	2	1	0	0	1	0	1	1	0	0	0	1	1	1	2	2	2	0	0	0	2	1	1	0	0
CDH10	1	0	2	1	0	0	1	0	1	1	0	0	0	1	1	1	2	2	2	0	0	0	2	1	1	0	0
CDH9	1	2	2	1	0	0	1	0	1	1	0	0	0	1	1	1	2	2	2	0	0	0	2	1	1	0	0
CDH6	1	2	2	1	0	0	1	0	0	1	0	0	0	0	1	1	2	2	2	0	0	0	2	1	1	0	0
PARP8	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
ISL1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	0	0	0	0	0	0	1	0	0
PELO	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
ITGA1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
ITGA2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
MOCS2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
FST	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
NDUFS4	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
ARL15	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
HSPB3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
SNX18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
ESM1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
GZMK	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
GZMA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
CDC20B	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
GPX8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
CCNO	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
DHX29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
SKIV2L2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
PPAP2A	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
RNF138P1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	0	0
SLC38A9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	1	1	1	0	0
DDX4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	1	1	1	0	0
IL31RA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	1	1	1	0	0
IL6ST	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	1	1	1	0	0
ANKRD55	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	1	1	1	0	0
MAP3K1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	1	1	1	0	0
C5orf35	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	1	1	1	0	0
MIER3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	1	1	1	0	0
GPBP1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	1	1	1	0	0
ACTBL2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	1	1	1	0	0
PLK2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	1	1	1	0	0
GAPT	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	1	1	0	0
RAB3C	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	1	1	0	0
PDE4D	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	1	1	0	0

PART1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
DEPDC1B	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
ELOVL7	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
ERCC8	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
NDUFAF2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
C5orf43	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
ZSWIM6	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
FLJ37543	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
KIF2A	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
DIMT1L	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
IPO11	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
LRRC70	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
ISCA1L	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
HTR1A	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
RNF180	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
RGS7BP	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
SFRS12IP1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
SDCCAG10	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
ADAMTS6	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
CENPK	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
PPWD1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
TRIM23	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
C5orf44	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
SGTB	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
NLN	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
ERBB2IP	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
SFRS12	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
MAST4	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
CD180	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
PIK3R1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
SLC30A5	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
CCNB1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
CENPH	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
MRPS36	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
CDK7	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
CCDC125	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
TAF9	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
RAD17	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
MARVELD2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
OCLN	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
GTF2H2C	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
GTF2H2D	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
LOC100272216	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
LOC653188	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
SERF1A	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
SERF1B	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
SMN2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0

SMN1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
LOC100170939	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
GTF2H2B	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
NAIP	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
GTF2H2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
LOC647859	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
PMCHL2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
BDP1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
MCCC2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
CARTPT	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
MAP1B	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
MRPS27	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
PTCD2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
ZNF366	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
TNPO1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
FCHO2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
TMEM171	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
TMEM174	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
FOXD1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
BTF3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
ANKRA2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
UTP15	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
RGNEF	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
ENC1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
HEXB	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
GFM2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
TINP1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
FAM169A	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
GCNT4	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
HMGCR	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
COL4A3BP	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
POLK	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
C5orf37	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
SV2C	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
IQGAP2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
F2RL2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
F2R	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
F2RL1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
S100Z	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
CRHBP	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
AGGF1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
ZBED3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
SNORA47	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
LOC728723	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
PDE8B	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
WDR41	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
OTP	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0

TBCA	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
AP3B1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
SCAMP1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
LHFPL2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
ARSB	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
DMGDH	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
BHMT2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
BHMT	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
JMY	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
HOMER1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
PAPD4	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
CMYA5	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
MTX3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
THBS4	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
SERINC5	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
LOC644936	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
SPZ1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
LOC441089	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
ZFYVE16	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
FAM151B	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
ANKRD34B	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
DHFR	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
MSH3	1	0	1	0	0	0	1	0	1	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
RASGRF2	1	0	1	0	0	0	1	0	1	1	0	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
CKMT2	1	0	1	0	0	0	1	0	1	1	0	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
ZCCHC9	1	0	1	0	0	0	1	0	1	1	0	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
ACOT12	1	0	1	0	0	0	1	0	1	1	0	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
SSBP2	1	0	1	1	0	0	1	0	1	1	0	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
ATG10	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
RPS23	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
ATP6AP1L	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
TMEM167A	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
SCARNA18	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
XRCC4	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
VCAN	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
HAPLN1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
EDIL3	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
NBPF22P	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
COX7C	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
RASA1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
CCNH	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
TMEM161B	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
LOC645323	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
MEF2C	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
CETN3	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
MBLAC2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
POLR3G	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0

LYSMD3	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
GPR98	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
ARRDC3	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
LOC100129716	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
FLJ42709	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
NR2F1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
FAM172A	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
POU5F2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
C5orf36	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
ANKRD32	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
MCTP1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
FAM81B	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
TTC37	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
ARSK	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
GPR150	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
RFESD	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
SPATA9	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
RHOBTB3	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
GLRX	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
C5orf27	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
ELL2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
PCSK1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
CAST	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
ERAP1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
ERAP2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
LNPEP	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
LIX1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
RIOK2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
RGMB	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
CHD1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
LOC100133050	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
FAM174A	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
ST8SIA4	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
SLCO4C1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
SLCO6A1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
PAM	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
GIN1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
HISPPD1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
C5orf30	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
NUDT12	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
RAB9P1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
EFNA5	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
FBXL17	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
FER	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
PJA2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
MAN2A1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
FLJ43080	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0

SLC25A46	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
TSLP	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
WDR36	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
CAMK4	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
STARD4	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
C5orf13	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
C5orf26	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
SNORA13	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
EPB41L4A	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
APC	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
SRP19	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
REEP5	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
DCP2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
MCC	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
TSSK1B	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
YTHDC2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
KCNN2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
TRIM36	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
PGGT1B	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
CCDC112	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
FEM1C	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
TICAM2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
TMED7	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
CDO1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
ATG12	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
AP3S1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
LVRN	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
COMMD10	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
SEMA6A	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	1	1	0	0
DTWD2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
DMXL1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
TNFAIP8	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
HSD17B4	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
FAM170A	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
PRR16	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
FTMT	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
SRFBP1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
LOX	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
ZNF474	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
SNCAIP	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
SNX2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
SNX24	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
PPIC	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
PRDM6	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
CEP120	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
CSNK1G3	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
ZNF608	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0

GRAMD3	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
ALDH7A1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
PHAX	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
C5orf48	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
LMNB1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
3-Mar	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
MEGF10	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
PRRC1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
CTXN3	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
FLJ33630	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
SLC12A2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
FBN2	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
SLC27A6	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
ISOC1	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
ADAMTS19	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
CHSY3	1	0	1	1	0	0	1	0	1	1	1	0	0	1	1	1	2	2	1	0	1	0	1	0	1	0	0
HINT1	1	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
LYRM7	1	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
CDC42SE2	1	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
RAPGEF6	1	0	0	0	0	0	0	2	2	0	0	0	0	0	1	1	2	2	1	0	1	0	1	0	1	0	0
FNIP1	1	0	0	0	0	0	0	2	2	0	0	0	0	0	1	1	2	2	1	2	1	0	1	0	1	0	0
ARHGAP26	1	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
NR3C1	1	0	0	0	0	0	0	0	2	0	0	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
HMHB1	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
NR3C1	1	0	0	0	0	0	0	0	2	0	0	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
HMHB1	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
YIPF5	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
KCTD16	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
PRELID2	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
GRXCR2	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
SH3RF2	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
PLAC8L1	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
LARS	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
RBM27	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
POU4F3	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
TCERG1	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
GPR151	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
PPP2R2B	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
STK32A	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
DPYSL3	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
JAKMIP2	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
SPINK1	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
SCGB3A2	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
C5orf46	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
SPINK5	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
SPINK5L2	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
SPINK6	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
SPINK5L3	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
SPINK7	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0

SPINK9	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
FBXO38	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
HTR4	1	0	0	0	0	0	1	0	2	0	0	0	2	0	1	1	2	2	0	2	0	0	1	2	0	0	0
ADRB2	1	0	0	0	0	0	0	0	2	0	0	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCYOX1L	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	0	0	0
IL17B	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	0	0	0
LOC728264	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	0	0	0
CSNK1A1	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	0	0	0
FLJ41603	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
PPARGC1B	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
PDE6A	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
SLC26A2	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
TIGD6	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
HMGXB3	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
CSF1R	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
PDGFRB	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
CDX1	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
SLC6A7	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
CAMK2A	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
ARSI	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
TCOF1	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
CD74	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
RPS14	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
NDST1	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
SYNPO	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
MYOZ3	2	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
RBM22	2	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
G3BP1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
GLRA1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
NMUR2	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	0	0	0	0
GRIA1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	0	0	0	0
FAM114A2	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	0	0	0	0
MFAP3	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	0	0	0	0
GALNT10	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	0	0	0	0
SAP30L	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	0	0	0	0
HAND1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	0	0	0	0
LARP1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	0	0	0	0
C5orf4	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
CNOT8	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
GEMIN5	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
MRPL22	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
KIF4B	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
SGCD	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
PPP1R2P3	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
TIMD4	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
HAVCR1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
HAVCR2	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0

MED7	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
FAM71B	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
ITK	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
CYFIP2	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
C5orf40	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
NIPAL4	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
ADAM19	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
SOX30	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
C5orf52	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
THG1L	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
LSM11	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
CLINT1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
EBF1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
RNF145	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
UBLCP1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
IL12B	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
LOC285627	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
ADRA1B	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
TTC1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
PWWP2A	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
FABP6	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
CCNJL	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
C1QTNF2	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
C5orf54	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
SLU7	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
PTTG1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
ATP10B	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
LOC285629	1	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	1	1	0	0	0
GABRB2	1	0	0	0	0	0	1	0	0	0	0	0	2	0	1	1	2	2	0	2	0	0	1	1	0	0	0
GABRA6	1	0	0	0	0	0	1	0	0	0	0	0	2	0	1	1	2	2	0	2	0	0	1	1	0	0	0
GABRA1	1	0	0	0	0	0	1	0	0	0	0	0	2	0	1	1	2	2	0	2	0	0	1	1	0	0	0
GABRG2	1	0	0	0	0	0	1	0	0	0	0	0	2	0	1	1	2	2	0	2	0	0	1	1	0	0	0
CCNG1	1	0	0	0	0	0	1	0	0	0	0	0	2	0	1	1	2	2	0	2	0	0	1	1	0	0	0
NUDCD2	1	0	0	0	0	0	1	0	0	0	0	0	2	0	1	1	2	2	0	2	0	0	1	1	0	0	0
HMMR	1	0	0	0	0	0	1	0	0	0	0	0	2	0	1	1	2	2	0	2	0	0	1	1	0	0	0
MAT2B	1	0	0	0	0	0	1	0	0	0	0	0	2	0	1	1	2	2	0	2	0	0	1	1	0	0	0
ODZ2	1	0	0	0	0	0	1	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
WWC1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
RARS	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
FBLL1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
PANK3	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
SLIT3	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
CCDC99	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
DOCK2	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
LOC100131897	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
FOXI1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
LOC133874	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0

LCP2	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
LOC257358	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
KCNIP1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
KCNMB1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
GABRP	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
RANBP17	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	2	2	0	2	0	0	1	1	0	0	0
KIAA1191	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
ARL10	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
NOP16	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
HIGD2A	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
CLTB	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
FAF2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
RNF44	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
PCDH24	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
GPRIN1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
SNCB	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
EIF4E1B	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
TSPAN17	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
UNC5A	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
HK3	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
UIMC1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
ZNF346	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
FGFR4	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
NSD1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
RAB24	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
PRELID1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
MXD3	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
LMAN2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
RGS14	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
SLC34A1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
PFN3	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
F12	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
GRK6	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
PRR7	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
DBN1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
PDLIM7	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
DOK3	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
DDX41	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
FLJ10404	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
TMED9	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
B4GALT7	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
LOC202181	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	0	2	0	0
FAM153A	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
LOC728554	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
PROP1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
FAM153C	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
N4BP3	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0

RMND5B	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
NHP2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
GMCL1L	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
HNRNPAB	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
AGXT2L2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
COL23A1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
CLK4	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
ZNF354A	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
AACSL	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
ZNF354B	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
ZFP2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
ZNF454	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
GRM6	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
DKFZp686E243	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
ZNF354C	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
ADAMTS2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
RUFY1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
HNRNPH1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
LOC285679	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
CANX	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
MAML1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
LTC4S	2	0	0	0	2	0	2	2	2	2	2	0	2	1	1	2	0	2	0	2	0	0	1	0	2	0	0
MGAT4B	2	0	0	0	2	0	2	2	2	2	2	0	2	1	1	2	0	2	0	2	0	0	1	0	2	0	0
SQSTM1	2	0	0	0	2	0	2	2	2	2	2	0	2	1	1	2	0	2	0	2	0	0	1	0	2	0	0
C5orf45	2	0	0	0	2	0	2	2	2	2	2	0	2	1	1	2	0	2	0	2	0	0	1	0	2	0	0
TBC1D9B	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
RNF130	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	2	0	0
RASGEF1C	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	2	0	0
MAPK9	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	2	0	0
GFPT2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	2	0	0
CNOT6	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	0	0
SCGB3A1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	0	0
FLT4	2	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	0	0
DUSP22	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0
IRF4	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0
EXOC2	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0
HUS1B	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0
LOC285768	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
FOXQ1	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
FOXF2	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
FOXC1	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
GMDS	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
C6orf195	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
MYLK4	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
WRNIP1	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
SERPINB1	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
SERPINB9	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0

SERPINB6	1	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
DKFZP686I152	1	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
NQO2	1	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
FAM136B	1	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
RIPK1	1	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
BPHL	1	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
TUBB2A	1	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
TUBB2B	1	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
PSMG4	1	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
SLC22A23	1	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
C6orf145	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
FAM50B	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
PRPF4B	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
C6orf146	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
C6orf201	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
PECI	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
CDYL	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
RPP40	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
PPP1R3G	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
LYRM4	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
FARS2	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
NRN1	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
F13A1	1	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0
LOC285780	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	0	0	0
LY86	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	0	0	0
RREB1	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	0	0	0
SSR1	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
CAGE1	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
RIOK1	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
DSP	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
SNRNP48	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
BMP6	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
TXNDC5	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
MUTED	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
EEF1E1	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
SCARNA27	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
SLC35B3	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
HULC	1	0	0	0	2	1	0	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
OFCC1	1	0	0	0	2	1	1	1	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
TFAP2A	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
C6orf218	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
GCNT2	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
C6orf52	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
PAK1IP1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
TMEM14C	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
TMEM14B	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
MAK	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0

GCM2	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
SYCP2L	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
ELOVL2	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
LOC221710	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
HERV-FRD	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
NEDD9	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
TMEM170B	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
C6orf105	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
HIVEP1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
EDN1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
PHACTR1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
TBC1D7	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
GFOD1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
C6orf114	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
SIRT5	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
NOL7	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
RANBP9	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
CCDC90A	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
RNF182	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
CD83	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
JARID2	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
DTNBP1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
MYLIP	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
GMPR	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
ATXN1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
RBM24	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
CAP2	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
FAM8A1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
NUP153	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	1	1	0	0
KIF13A	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
NHLRC1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
TPMT	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
AOF1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
DEK	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
RNF144B	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
ID4	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
MBOAT1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
E2F3	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
CDKAL1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
SOX4	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
FLJ22536	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
PRL	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
HDGFL1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
NRSN1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
DCDC2	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
KAAG1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
MRS2	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0

GPLD1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
ALDH5A1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
KIAA0319	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
TTRAP	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
THEM2	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
C6orf62	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
GMNN	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	1	0	0
FAM65B	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	0	0	0
CMAH	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	0	0	0
LRRC16A	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	0	0	0
SCGN	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	0	0	0
HIST1H2AA	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	0	0	0
HIST1H2BA	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	0	0	0
SLC17A4	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	0	0	0
SLC17A1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	0	2	0	0	1	0	0	0
SLC17A3	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	2	2	0	0	1	0	0	0
SLC17A2	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	2	2	0	0	1	0	0	0
TRIM38	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	1	0	0	2	2	2	0	0	0	0	0	0
HIST1H1A	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H3A	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H4A	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H4B	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H3B	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2AB	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2BB	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H3C	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H1C	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HFE	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H4C	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H1T	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2BC	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2AC	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H1E	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2BD	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2BE	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H4D	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H3D	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2AD	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2BF	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H4E	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2BG	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2AE	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H3E	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H1D	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H4F	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H4G	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H3F	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0

HIST1H2BH	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H3G	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2BI	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H4H	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
BTN3A2	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
BTN2A2	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
BTN3A1	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
BTN2A3	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
BTN3A3	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
BTN2A1	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
BTN1A1	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HCG11	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HMGN4	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ABT1	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZNF322A	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
GUSBL1	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
C6orf41	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
LOC100270746	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2BJ	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2AG	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2BK	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H4I	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2AH	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
PRSS16	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
FKSG83	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZNF204	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZNF391	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZNF184	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2BL	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2AI	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H3H	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2AJ	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2BM	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H4J	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H4K	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2AK	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2BN	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2AL	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H1B	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H3I	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H4L	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H3J	1	0	0	0	2	1	2	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2AM	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HIST1H2BO	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR2B2	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR2B6	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZNF165	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0

ZSCAN12L1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZSCAN16	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZNF192	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZNF389	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
LOC222699	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZNF193	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZKSCAN4	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
NKAPL	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZNF187	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
PGBD1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZNF323	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZKSCAN3	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZSCAN12	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZSCAN23	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
GPX6	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
GPX5	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
SCAND3	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
TRIM27	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZNF311	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR2W1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR2B3	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR2J3	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR2J2	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
LOC651503	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR14J1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR5V1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR12D3	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR12D2	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR11A1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR10C1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR2H1	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
MAS1L	1	0	0	0	2	1	0	1	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0
GNL1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
PRR3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
ABCF1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
PPP1R10	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
MRPS18B	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
C6orf134	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
C6orf136	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
DHX16	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
KIAA1949	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
NRM	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
MDC1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
TUBB	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
FLOT1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
IER3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
DDR1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0

GTF2H4	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
VARS2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
SFTA2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
DPCR1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
MUC21	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
HCG22	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
C6orf15	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
PSORS1C1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
CDSN	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
PSORS1C2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
CCHCR1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
TCF19	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
POU5F1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
PSORS1C3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
HCG27	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
HLA-C	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
HLA-B	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
MICA	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
HCP5	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
HCG26	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
MICB	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
MCCD1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
BAT1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
SNORD117	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
SNORD84	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
ATP6V1G2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
NFKBIL1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
LTA	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
TNF	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
LTB	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
LST1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
NCR3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
AIF1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
BAT2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
SNORA38	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
BAT3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
APOM	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
C6orf47	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
BAT4	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
CSNK2B	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
LY6G5B	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
LY6G5C	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
BAT5	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
LY6G6F	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
LY6G6E	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
LY6G6D	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
LY6G6C	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0

C6orf25	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
DDAH2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
CLIC1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
MSH5	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
C6orf26	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
C6orf27	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
VARS	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
LSM2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
HSPA1L	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
HSPA1A	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
HSPA1B	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
C6orf48	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
SNORD48	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
SNORD52	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
NEU1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
SLC44A4	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
EHMT2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
ZBTB12	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
C2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
CFB	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
RDBP	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
SKIV2L	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
DOM3Z	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
STK19	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
C4B	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
TNXA	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
C4A	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
CYP21A2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
TNXB	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
ATF6B	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
FKBPL	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
PRRT1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
PPT2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
EGFL8	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
AGPAT1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
RNF5	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
AGER	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
PBX2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
GPSM3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	0	2	2	0	0
NOTCH4	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	1	0	2	2	2	2	1	0	2	0	0	0
C6orf10	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	1	0	2	2	2	2	1	0	2	0	0	0
BTNL2	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
HLA-DRA	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
HLA-DRB5	1	1	1	2	1	1	2	1	2	1	2	1	2	0	2	1	0	2	1	2	2	1	0	2	0	0	0
HLA-DRB6	1	1	1	2	1	1	2	1	2	1	2	1	2	0	2	1	0	2	1	2	2	1	0	2	0	0	0
HLA-DRB1	1	1	0	2	1	1	2	1	2	1	2	1	2	0	2	1	0	2	1	2	2	1	0	2	0	0	0
HLA-DQA1	1	1	0	2	2	1	2	2	2	1	2	0	2	0	2	1	0	2	1	2	2	1	0	2	0	0	0

HLA-DQB1	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
HLA-DQA2	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
HLA-DQB2	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
HLA-DOB	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
TAP2	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
PSMB8	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
TAP1	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
PSMB9	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
HLA-DMB	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
HLA-DMA	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
BRD2	1	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
HLA-DOA	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
HLA-DPA1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
HLA-DPB1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
HLA-DPB2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
COL11A2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
RXRB	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
SLC39A7	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
HSD17B8	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
RING1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
VPS52	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
RPS18	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
B3GALT4	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
WDR46	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
PFDN6	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
RGL2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TAPBP	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
ZBTB22	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
DAXX	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
LYPLA2P1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
KIFC1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
PHF1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
CUTA	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
SYNGAP1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
ZBTB9	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
BAK1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
C6orf227	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
ITPR3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
C6orf125	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
IP6K3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
LEMD2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
MLN	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
GRM4	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
HMGA1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
C6orf1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
NUDT3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
RPS10	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0

PACSIN1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
SPDEF	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
C6orf106	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
SNRPC	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
UHRF1BP1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TAF11	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
ANKS1A	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TCP11	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
SCUBE3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
ZNF76	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
DEF6	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
PPARD	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
FANCE	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
RPL10A	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TEAD3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TULP1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
FKBP5	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
LOC285847	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
C6orf81	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
C6orf126	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
C6orf127	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
CLPS	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
LHFPL5	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
SRPK1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
SLC26A8	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
MAPK14	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
MAPK13	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
BRPF3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
PNPLA1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
C6orf222	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
ETV7	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
PXT1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
KCTD20	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
STK38	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
SFRS3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
CDKN1A	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
CPNE5	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
PPIL1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
C6orf89	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
PI16	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
MTCH1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
FGD2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
PIM1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TMEM217	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TBC1D22B	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
RNF8	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
FTSJD2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0

C6orf129	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
MDGA1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
BTBD9	1	0	0	2	2	1	1	2	1	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
GLO1	1	0	0	2	2	1	1	2	1	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
DNAH8	1	0	0	0	2	1	1	2	1	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
GLP1R	1	0	0	0	2	1	1	2	1	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
C6orf64	1	0	0	0	2	1	1	2	1	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
KCNK5	1	0	0	0	2	1	1	2	1	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
KCNK17	1	0	0	0	2	1	1	2	1	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
KCNK16	1	0	0	0	2	1	1	2	1	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
KIF6	1	0	0	0	2	1	1	2	1	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
MDFI	2	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
TFEB	2	0	0	0	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
PGC	2	0	0	0	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
FRS3	2	0	0	0	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
PRICKLE4	2	0	0	0	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
TOMM6	2	0	0	0	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
USP49	2	0	0	0	2	1	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
MED20	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
BYSL	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
CCND3	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
TAF8	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
GUCA1A	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
GUCA1B	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
MRPS10	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
TRERF1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
UBR2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
PRPH2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
TBCC	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
KIAA0240	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
RPL7L1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
C6orf226	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
PTCRA	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
CNPY3	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
GNMT	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
PEX6	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
PPP2R5D	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
MEA1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
KLHDC3	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
C6orf153	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
CUL7	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
MRPL2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
KLC4	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
PTK7	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
SRF	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
CUL9	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
C6orf108	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0

TTBK1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
SLC22A7	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
CRIP3	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
ZNF318	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
ABCC10	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
DLK2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
TJAP1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
C6orf154	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
YIPF3	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
POLR1C	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
XPO5	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
POLH	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
GTPBP2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
MAD2L1BP	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
RSPH9	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
MRPS18A	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
VEGFA	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
LOC100132354	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
C6orf223	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
MRPL14	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TMEM63B	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
CAPN11	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
SLC29A1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
HSP90AB1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
SLC35B2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
NFKBIE	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TMEM151B	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	0	2	2	2	0	0	2	0	0	0
TCTE1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	0	2	2	2	0	0	2	0	0	0
AARS2	2	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	0	0	2	2	2	0	0	2	0	0	0
SPATS1	2	0	0	0	2	0	2	2	2	2	2	0	0	0	2	0	0	0	2	2	2	0	0	2	0	0	0
SUPT3H	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
RUNX2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
CLIC5	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
ENPP4	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
ENPP5	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
RCAN2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
CYP39A1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
SLC25A27	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
TDRD6	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
PLA2G7	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
MEP1A	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
GPR116	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
GPR110	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
TNFRSF21	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
CD2AP	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
GPR111	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
GPR115	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0

OPN5	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
C6orf138	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
MUT	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
CENPQ	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
C6orf140	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
C6orf141	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
RHAG	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
CRISP2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
CRISP3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
PGK2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
CRISP1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
DEFB114	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
DEFB113	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
DEFB110	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
DEFB111	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
DEFB112	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
TFAP2D	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
TFAP2B	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
PKHD1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
IL17A	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
IL17F	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
MCM3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
PAQR8	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
EFHC1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
TRAM2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	2	1	0	0
LOC730101	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	0	1	0	0
TMEM14A	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	0	1	0	0
GSTA2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	0	0	1	0	0
GSTA1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
GSTA5	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
GSTA3	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
GSTA4	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
ICK	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
FBXO9	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
GCM1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
ELOVL5	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
GCLC	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
KLHL31	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
LRRC1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf142	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
TINAG	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
FAM83B	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
HCRTR2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
GFRAL	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
HMGCLL1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
BMP5	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
COL21A1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0

DST	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
BEND6	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
KIAA1586	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
ZNF451	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
BAG2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
RAB23	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
PRIM2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
GUSBL2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	0	0	0
KHDRBS2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	0	0	0
LGSN	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	0	0	0
PTP4A1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	0	0	0
PHF3	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	0	0	0
EYS	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	0	0	0
MCART3P	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	0	0	0
BAI3	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LMBRD1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
COL19A1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
COL9A1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FAM135A	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf57	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SMAP1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
B3GAT2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
OGFRL1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf155	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RIMS1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
KCNQ5	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LOC100129128	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
KHDC1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf147	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
DPPA5	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf221	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
OOEP	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
DDX43	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf150	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MTO1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
EEF1A1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SLC17A5	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
CD109	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
COL12A1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
COX7A2	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TMEM30A	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FILIP1	1	0	0	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SENP6	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MYO6	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
IMPG1	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HTR1B	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
IRAK1BP1	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0

PHIP	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HMGN3	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LCA5	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SH3BGRL2	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ELOVL4	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TTK	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
BCKDHB	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FAM46A	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
IBTK	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TPBG	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
UBE2CBP	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
DOPEY1	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PGM3	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RWDD2A	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ME1	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PRSS35	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SNAP91	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RIPPLY2	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
CYB5R4	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MRAP2	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
KIAA1009	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TBX18	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
NT5E	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SNX14	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SYNCRIP	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SNHG5	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SNORD50A	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SNORD50B	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HTR1E	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
CGA	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ZNF292	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
GJB7	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf162	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf164	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf165	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SLC35A1	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RARS2	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ORC3L	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
AKIRIN2	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
NCRNA00120	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SPACA1	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
CNR1	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RNGTT	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PNRC1	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SRrp35	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PM20D2	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
GABRR1	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0

GABRR2	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
UBE2J1	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RRAGD	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ANKRD6	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LYRM2	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MDN1	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
CASP8AP2	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
GJA10	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
BACH2	1	0	1	1	2	0	2	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MAP3K7	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
EPHA7	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TSG1	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MANEA	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FUT9	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
KIAA0776	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FHL5	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
GPR63	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
NDUFAF4	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
KLHL32	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf167	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
POU3F2	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FBXL4	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf168	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
COQ3	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SFRS18	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
USP45	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
CCNC	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PRDM13	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MCHR2	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SIM1	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ASCC3	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
GRIK2	1	0	1	1	2	0	1	0	1	1	1	0	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HACE1	1	0	1	1	2	0	1	0	1	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LIN28B	1	0	1	2	2	0	1	0	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
BVES	1	0	1	2	2	0	1	0	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
POPDC3	1	0	1	2	2	0	1	0	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PREP	1	0	1	2	2	0	2	0	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PRDM1	1	0	1	2	2	0	2	0	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ATG5	1	0	1	2	2	0	2	0	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
AIM1	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RTN4IP1	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
QRSL1	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LOC553137	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf203	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
BEND3	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PDSS2	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SOBP	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0

SCML4	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SEC63	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
OSTM1	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
NR2E1	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SNX3	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LACE1	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FOXO3	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ARMC2	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SESN1	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf182	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
CD164	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PPIL6	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SMPD2	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MICAL1	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ZBTB24	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf224	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
AKD1	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
AKD2	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FIG4	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
GPR6	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
WASF1	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
CDC40	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf186	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
DDO	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SLC22A16	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
CDC2L6	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
AMD1	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
GTF3C6	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
BXDC1	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LOC442245	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SLC16A10	1	0	1	2	2	0	2	2	2	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
KIAA1919	1	0	1	1	2	0	2	2	1	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
REV3L	1	0	1	1	2	0	2	2	1	2	2	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TRAF3IP2	1	0	1	1	2	0	2	0	1	2	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FYN	1	0	1	1	2	0	2	0	1	2	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
WISP3	1	0	1	1	2	0	2	0	1	2	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TUBE1	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf225	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LAMA4	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RFPL4B	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MARCKS	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FLJ34503	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HDAC2	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HS3ST5	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FRK	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LOC728402	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
NT5DC1	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0

COL10A1	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TSPYL4	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TSPYL1	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
DSE	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FAM26F	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
BET3L	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FAM26E	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FAM26D	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RWDD1	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RSPH4A	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ZUFSP	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
KPNA5	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FAM162B	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
GPRC6A	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RFX6	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
VGLL2	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ROS1	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
DCBLD1	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
GOPC	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
NUS1	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
SLC35F1	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
C6orf204	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
BRD7P3	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
PLN	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
ASF1A	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
MCM9	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
FAM184A	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
MAN1A1	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
C6orf170	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
GJA1	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HSF2	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SERINC1	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PKIB	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FABP7	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SMPDL3A	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RLBP1L2	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TRDN	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
NKAIN2	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
STL	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RNF217	1	0	1	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TPD52L1	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HDDC2	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HEY2	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
NCOA7	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HINT3	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TRMT11	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf173	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0

RSPO3	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RNF146	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ECHDC1	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
KIAA0408	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf174	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf58	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TSEPA	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
PTPRK	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
LAMA2	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
ARHGAP18	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
C6orf191	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
L3MBTL3	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
SAMD3	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
TMEM200A	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
LOC285733	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
EPB41L2	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	2	0	0
AKAP7	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ARG1	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MED23	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ENPP3	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
OR2A4	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LOC643854	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ENPP1	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
CTGF	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MOXD1	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
STX7	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TAAR9	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TAAR8	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TAAR6	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TAAR5	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TAAR2	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TAAR1	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
VNN1	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
VNN3	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
VNN2	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf192	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RPS12	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SNORD101	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SNORD100	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SNORA33	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LOC285735	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
EYA4	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MGC34034	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TCF21	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TBPL1	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SLC2A12	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SGK1	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0

ALDH8A1	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HBS1L	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MYB	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
AHI1	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf217	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PDE7B	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FAM54A	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
BCLAF1	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MAP7	1	0	0	1	2	0	1	0	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
MAP3K5	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PEX7	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SLC35D3	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
IL20RA	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
IL22RA2	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
IFNGR1	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
OLIG3	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TNFAIP3	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PERP	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
KIAA1244	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PBOV1	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HEBP2	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
NHSL1	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
CCDC28A	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ECT2L	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
REPS1	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf115	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HECA	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
TXLNB	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
CITED2	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
NMBR	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
VTA1	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
GPR126	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LOC153910	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HIVEP2	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
AIG1	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
ADAT2	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PEX3	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FUCA2	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LOC285740	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PHACTR2	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LTV1	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FAM164B	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
PLAGL1	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
HYMAI	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SF3B5	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
STX11	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
UTRN	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0

EPM2A	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
FBXO30	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SHPRH	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
GRM1	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
RAB32	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf103	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
LOC729176	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
STXBP5	1	0	0	1	2	0	1	1	1	1	1	2	0	1	2	1	0	0	0	0	2	0	0	0	1	0	0
SAMD5	1	0	0	1	2	0	1	1	0	0	1	2	0	1	2	0	0	0	0	0	2	0	0	0	1	0	0
SASH1	1	0	0	0	2	0	0	1	0	0	1	2	0	1	2	0	0	0	0	0	2	0	0	0	1	0	0
UST	1	0	0	0	2	0	0	1	0	0	1	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
MAP3K7IP2	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
SUMO4	1	0	0	0	2	0	0	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
ZC3H12D	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
PPIL4	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
C6orf72	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
KATNA1	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
LATS1	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
NUP43	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
PCMT1	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
LRP11	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
RAET1E	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
RAET1G	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
ULBP2	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
ULBP1	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
RAET1K	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
RAET1L	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
ULBP3	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
PPP1R14C	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
IYD	1	0	0	0	2	0	2	1	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
PLEKHG1	1	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
MTHFD1L	1	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0
AKAP12	1	0	0	0	2	0	2	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
ZBTB2	1	0	0	0	2	0	2	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
RMND1	1	0	0	0	2	0	2	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf211	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf97	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
ESR1	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
SYNE1	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
MYCT1	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
VIP	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
FBXO5	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
MTRF1L	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
RGS17	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
OPRM1	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
IPCEF1	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
CNKSR3	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0

RBM16	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
TIAM2	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
TFB1M	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
CLDN20	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
NOX3	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
ARID1B	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
ZDHHC14	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
SNX9	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
SYNJ2	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
SERAC1	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
GTF2H5	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
TULP4	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
TMEM181	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
DYNLT1	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
SYTL3	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
EZR	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
OSTCL	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
RSPH3	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
TAGAP	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
FNDC1	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
SOD2	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
WTAP	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
ACAT2	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
TCP1	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
SNORA20	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
SNORA29	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
MRPL18	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
PNLDC1	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
MAS1	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
IGF2R	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
LOC729603	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
SLC22A1	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
SLC22A2	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
SLC22A3	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
LPAL2	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
LPA	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
PLG	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
MAP3K4	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
AGPAT4	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf59	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
PARK2	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	1	0	1	0	0
PACRG	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
QKI	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf118	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
PDE10A	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
C6orf176	1	0	0	0	2	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0
LOC441177	1	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	1	0	0

FAM20C	2	0	0	0	2	0	2	0	0	0	2	0	2	0	0	2	0	2	0	2	0	0	0	2	0	0	0
UNC84A	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	0	0
C7orf20	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	0	0
ADAP1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	0	0
COX19	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	0	0
CYP2W1	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	0	0
C7orf50	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	0	0
GPR146	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	0	0
GPER	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	0	0
ZFAND2A	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	0	0
UNCX	2	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	0	0
MICALL2	2	2	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	0	0	0
INTS1	2	2	0	0	2	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	0	0	1
MAFK	2	2	0	0	2	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	0	0	1
TMEM184A	2	2	0	0	2	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	0	0	1
PSMG3	2	2	0	0	2	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	0	0	1
KIAA1908	2	2	0	0	2	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	0	0	1
TFAMP1	2	2	0	0	2	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	0	0	1
ELFN1	2	2	0	0	2	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	2	1	2	0	0	1
MAD1L1	2	2	0	2	2	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	0	2	1
FTSJ2	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	2	0
NUDT1	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	2	0
SNX8	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	2	0
EIF3B	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	2	0
CHST12	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	2	0
LFNG	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	2	0
C7orf27	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	2	0
IQCE	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	2	0
TTYH3	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	2	0
AMZ1	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	0	2	0
GNA12	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
CARD11	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
SDK1	2	2	0	2	2	0	1	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
FOXK1	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
KIAA0415	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
RADIL	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
PAPOLB	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
MMD2	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
RNF216L	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
RBAK	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
LOC389458	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
WIPI2	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
SLC29A4	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
TNRC18	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
FBXL18	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
ACTB	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
FSCN1	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0

RNF216	2	2	0	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0
ZNF815	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	2	0	2	0	2	0	2	0
OCM	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	2	0	2	0	2	0	2	0
C7orf28A	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
RSPH10B2	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
RSPH10B	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
PMS2	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
JTV1	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
EIF2AK1	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
USP42	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
CYTH3	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
MGC12966	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
RAC1	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
DAGLB	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
KDELR2	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
GRID2IP	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
ZDHHC4	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
C7orf26	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
ZNF853	2	2	0	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	2	0
ZNF12	2	2	0	2	2	0	0	2	2	2	2	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	0
PMS2CL	2	2	0	2	2	0	0	2	2	2	2	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	0
C7orf28B	2	2	0	2	2	0	0	2	2	0	2	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	0
DNAH11	2	2	0	0	2	0	1	2	1	0	1	0	0	0	2	0	2	2	2	0	0	2	0	0	1	2	0
CDCA7L	2	2	0	0	2	0	0	2	0	0	1	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
RAPGEF5	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
IL6	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
TOMM7	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
SNORD93	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
FAM126A	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
KLHL7	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
NUPL2	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
GPNMB	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
C7orf30	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
IGF2BP3	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
RPS2P32	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
TRA2A	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
CLK2P	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
CCDC126	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
C7orf46	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
STK31	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
NPY	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
MPP6	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
DFNA5	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
OSBPL3	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
CYCS	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
C7orf31	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
NPVF	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0

NFE2L3	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HNRNPA2B1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
CBX3	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
SNX10	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
LOC441204	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
KIAA0087	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
LOC285941	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
SKAP2	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HOXA1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HOXA2	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HOXA3	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HOXA4	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HOXA5	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HOXA6	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HOXA7	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HOXA9	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HOXA10	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HOXA11	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HOXA11AS	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HOXA13	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
EVX1	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HIBADH	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
TAX1BP1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
JAZF1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
LOC402644	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
CREB5	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
KIAA0644	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
CPVL	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
CHN2	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
PRR15	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
LOC646762	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
WIPF3	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
SCRN1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
FKBP14	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
PLEKHA8	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
C7orf41	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
ZNRF2	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
DKFZP586I142(	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
NOD1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
GGCT	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
GARS	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
CRHR2	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
INMT	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
C7orf67	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
AQP1	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
GHRHR	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
ADCYAP1R1	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0

NEUROD6	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
CCDC129	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
C7orf16	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
PDE1C	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
LSM5	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
AVL9	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
LOC441208	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
KBTBD2	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
RP9P	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
FKBP9	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
NT5C3	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
RP9	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
BBS9	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
BMPER	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
NPSR1	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
AAA1	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
DPY19L1	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
DPY19L2P1	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
TBX20	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
HERPUD2	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
7-Sep	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
EEPD1	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
KIAA0895	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
ANLN	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
AOAH	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
ELMO1	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
GPR141	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
TXNDC3	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
SFRP4	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
EPDR1	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
STARD3NL	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
TARP	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
AMPH	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
FAM183B	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
VPS41	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
POU6F2	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
C7orf36	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
LOC646999	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
RALA	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
LOC349114	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
CDC2L5	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
C7orf11	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
C7orf10	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	1
INHBA	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	1
LOC285954	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	1
GLI3	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	1
C7orf25	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0

PSMA2	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
MRPL32	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HECW1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
STK17A	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
C7orf44	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
BLVRA	2	2	0	0	2	0	0	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
MRPS24	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
URG4	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
UBE2D4	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
POLR2J4	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
SPDYE1	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
RASA4P	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
FLJ35390	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
DBNL	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
PGAM2	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
POLM	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
AEBP1	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
POLD2	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
MYL7	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
GCK	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
YKT6	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
CAMK2B	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
NUDCD3	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
NPC1L1	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
DDX56	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
TMED4	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
OGDH	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
ZMIZ2	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
PPIA	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
H2AFV	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
PURB	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
MYO1G	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
C7orf40	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
SNORA9	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
CCM2	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
NACAD	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
TBRG4	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
SNORA5A	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
SNORA5C	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
SNORA5B	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
RAMP3	2	2	0	0	2	0	2	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
ADCY1	2	2	0	0	2	0	0	2	0	0	2	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
13-Sep	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
IGFBP1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
IGFBP3	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
TNS3	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
C7orf65	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0

PKD1L1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
C7orf69	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
HUS1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
SUNC1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
C7orf57	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
UPP1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
ABCA13	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
CDC14C	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
VWC2	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
ZPBP	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
IKZF1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
FIGNL1	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
DDC	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
GRB10	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
COBL	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
DKFZp564N247	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
HPVC1	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
VSTM2A	2	2	0	0	2	0	1	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
SEC61G	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	0	0	2	0
EGFR	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
LANCL2	2	2	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
ECOP	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	2	0
LOC442308	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
FKBP9L	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
14-Sep	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
ZNF713	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
MRPS17	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
GBAS	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
PSPH	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
CCT6A	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
SNORA15	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
SUMF2	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
PHKG1	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
CHCHD2	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
LOC389493	2	2	0	0	2	0	2	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
DKFZp434L192	2	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	2	0
LOC401357	2	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	0	0	0	0	2	0	0	0	2	0
ZNF479	2	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	0	0	0	0	2	0	0	0	2	0
ZNF716	2	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	2	0	0	0	0	2	0	0	0	2	0
LOC643955	2	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	2	0
ZNF735	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	2	0
ZNF679	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	2	0
ZNF680	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	2	0
ZNF107	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	2	0
ZNF138	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	2	0
LOC168474	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	2	0
ZNF273	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	2	0

ZNF117	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	2	0
INTS4L1	2	0	0	2	2	2	0	2	2	0	0	0	0	0	0	1	0	0	0	0	0	2	0	2	0	2	0
ZNF92	2	0	0	2	2	2	0	2	2	0	0	0	0	0	0	1	0	0	0	0	0	2	0	2	0	2	0
INTS4L2	2	0	0	2	2	2	0	2	2	0	0	0	0	0	0	1	0	0	0	0	0	2	0	2	0	2	0
CCT6P1	2	0	0	2	2	2	0	2	2	0	0	0	0	0	0	1	0	0	0	0	0	2	0	2	0	2	0
SNORA22	2	0	0	2	2	2	0	2	2	0	0	0	0	0	0	1	0	0	0	0	0	2	0	2	0	2	0
VKORC1L1	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0
GUSB	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0
ASL	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0
CRCP	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0
TPST1	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0
NCRNA00174	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0
LOC493754	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0
KCTD7	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0
RABGEF1	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0
LOC729156	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0
C7orf42	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0
SBDS	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	0	2	0
TYW1	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	0	2	0
PMS2L4	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	0	2	0
STAG3L4	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	0	2	0
AUTS2	2	0	0	2	2	2	0	2	2	0	0	0	0	0	0	2	2	2	2	0	0	2	0	2	0	2	0
WBSCR17	2	0	0	2	2	2	0	2	2	0	0	0	0	0	0	2	2	2	2	0	0	2	0	2	0	2	0
CALN1	2	0	0	2	2	2	0	2	2	2	0	0	0	0	0	2	2	2	2	0	0	2	0	2	0	2	0
TYW1B	2	0	0	2	2	2	0	2	2	2	0	0	0	0	0	2	2	2	2	0	0	2	0	2	0	2	0
SBDSP	2	0	0	2	2	2	0	2	2	2	0	0	0	0	0	2	2	2	2	0	0	2	0	2	0	2	0
SPDYE7P	2	0	0	2	2	2	0	2	2	2	0	0	0	0	0	2	2	2	2	0	0	2	0	2	0	2	0
POM121	2	0	0	2	2	2	2	2	2	2	2	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	0
NSUN5C	2	0	0	2	2	2	2	2	2	2	2	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	0
TRIM74	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
STAG3L3	2	0	0	2	2	2	2	2	2	2	2	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	0
PMS2L2	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
SPDYE8P	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
LOC100093631	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
GTF2IP1	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
NCF1B	2	0	0	2	2	2	2	2	2	2	2	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	0
GTF2IRD2P	2	0	0	2	2	2	2	2	2	2	2	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	0
NSUN5	2	0	0	2	2	2	2	2	2	2	2	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	0
TRIM50	2	0	0	2	2	2	2	2	2	2	2	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	0
FKBP6	2	0	0	2	2	2	2	2	2	2	2	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	0
FZD9	2	0	0	2	2	2	2	2	2	2	2	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	0
BAZ1B	2	0	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
BCL7B	2	0	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
TBL2	2	0	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
MLXIPL	2	0	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
VPS37D	2	0	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
DNAJC30	2	0	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0

WBSCR22	2	0	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	0	0
STX1A	2	0	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	0	0
WBSCR26	2	0	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	0	0
ABHD11	2	0	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	0	0
CLDN3	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	0	0
CLDN4	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
WBSCR27	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
WBSCR28	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
ELN	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
LIMK1	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
EIF4H	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
LAT2	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
RFC2	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
CLIP2	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
GTF2IRD1	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
GTF2I	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
NCF1	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
GTF2IRD2	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
STAG3L2	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
PMS2L5	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
GATSL1	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
WBSCR16	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
GTF2IRD2B	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
NCF1C	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
GATSL2	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
STAG3L1	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
LOC541473	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
TRIM73	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
NSUN5B	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
POM121C	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
SPDYE5	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
PMS2L3	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
HIP1	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
CCL26	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
CCL24	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
RHBDD2	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
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SNORA14A	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
TMEM120A	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
STYXL1	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
MDH2	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
FLJ37078	2	2	0	2	2	2	2	2	2	2	2	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	0
HSPB1	2	2	0	2	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	0	0	2	0	2	2	2	0
YWHAG	2	2	0	2	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	0	0	2	0	2	2	2	0
SRCRB4D	2	2	0	2	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	0	0	2	0	2	2	2	0
ZP3	2	2	0	2	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	0	0	2	0	2	2	2	0
DTX2	2	2	0	2	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	0	0	2	0	2	2	2	0

FDPSL2A	2	2	0	2	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	0	0	2	0	2	2	2	0
UPK3B	2	2	0	2	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	0	0	2	0	2	2	2	0
POMZP3	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	2	0	0	2	0	2	0	2	0
PMS2L11	2	2	0	2	2	2	0	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	2	0	2	0
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CCDC146	2	2	0	2	2	2	0	2	0	0	1	0	0	0	2	1	2	2	2	0	0	2	0	2	0	2	0
FGL2	2	2	0	2	2	2	0	2	0	0	0	0	0	0	2	1	2	2	2	0	0	2	0	2	0	2	0
PION	2	2	0	2	2	2	0	2	0	0	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
PTPN12	2	2	0	2	2	2	0	2	0	0	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
RSBN1L	2	2	0	0	2	2	0	2	0	0	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
TMEM60	2	2	0	0	2	2	0	2	0	0	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
PHTF2	1	2	0	0	2	2	1	2	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
MAGI2	1	2	0	0	2	2	1	1	1	1	1	0	0	1	2	1	2	2	2	0	0	2	0	2	1	2	0
RPL13AP17	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
GNAI1	1	2	0	0	2	0	1	1	1	1	1	0	0	1	2	1	2	2	2	0	0	2	0	2	1	2	0
GNAT3	1	2	0	0	2	0	1	1	1	1	1	0	0	1	2	1	2	2	2	0	0	2	0	2	1	2	0
CD36	1	2	0	0	2	0	1	1	1	1	1	0	0	1	2	1	2	2	2	0	0	2	0	2	1	2	0
SEMA3C	1	2	0	0	2	0	1	1	1	1	1	0	0	1	2	1	2	2	2	0	0	2	0	2	1	2	0
HGF	1	2	0	0	2	0	1	1	1	1	1	0	0	1	2	1	2	2	2	0	0	2	0	2	1	2	0
CACNA2D1	1	2	0	0	2	0	1	1	1	1	1	0	0	1	2	1	2	2	2	0	0	2	0	2	1	2	0
PCLO	1	2	0	0	2	0	1	1	1	1	1	0	0	1	2	1	2	2	2	0	0	2	0	2	1	2	0
SEMA3E	1	2	0	0	2	0	1	1	1	1	1	0	0	1	2	1	2	2	2	0	0	2	0	2	1	2	0
SEMA3A	1	2	0	0	2	0	1	1	1	1	1	0	0	1	2	1	2	2	2	0	0	2	0	2	1	2	0
SEMA3D	1	2	0	0	2	0	1	1	1	1	1	0	0	1	2	1	2	2	2	0	0	2	0	2	1	2	0
GRM3	1	2	0	0	2	0	1	1	1	1	1	0	0	1	2	1	2	2	2	0	0	2	0	2	1	2	0
KIAA1324L	1	2	0	0	2	0	1	1	1	1	1	0	0	1	2	1	2	2	2	0	0	2	0	2	1	2	0
DMTF1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
C7orf23	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
TP53TG1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
CROT	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
ABCB4	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
ABCB1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
RUNDC3B	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
SLC25A40	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
DBF4	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
ADAM22	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
SRI	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
STEAP4	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
ZNF804B	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
MGC26647	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
DPY19L2P4	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
STEAP1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
STEAP2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
C7orf63	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
GTPBP10	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
CLDN12	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
PFTK1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0

FZD1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
MTERF	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
AKAP9	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
CYP51A1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
KRIT1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
ANKIB1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
GATAD1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
PEX1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
C7orf64	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
MGC16142	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
FAM133B	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
CDK6	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
SAMD9	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
SAMD9L	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
HEPACAM2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
CCDC132	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
CALCR	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
TFPI2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
GNGT1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
GNG11	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
BET1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
COL1A2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
CASD1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
SGCE	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
PEG10	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
PPP1R9A	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
PON1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
PON3	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
PON2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
ASB4	1	2	0	0	2	0	1	1	1	0	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
PDK4	1	2	0	0	2	0	1	1	1	0	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
DYNC1I1	1	2	0	0	2	0	1	1	1	0	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
SLC25A13	1	2	0	0	2	0	1	1	1	0	1	0	0	0	2	1	2	2	2	2	0	2	0	2	0	2	0
SHFM1	1	2	0	0	2	0	1	1	1	0	1	0	0	0	2	1	2	2	2	2	0	2	0	2	0	2	0
FLJ34048	2	2	0	0	2	0	0	2	0	0	1	0	0	0	2	1	2	2	2	2	0	2	0	2	0	2	0
DLX6	2	2	0	0	2	0	0	2	0	0	1	0	0	0	2	1	2	2	2	2	0	2	0	2	0	2	0
DLX5	2	2	0	0	2	0	0	2	0	0	1	0	0	0	2	1	2	2	2	2	0	2	0	2	0	2	0
ACN9	2	2	0	0	2	0	0	2	0	0	1	0	0	0	2	1	2	2	2	2	0	2	0	2	0	2	0
TAC1	2	2	0	0	2	0	0	2	0	0	1	0	0	0	2	1	2	2	2	2	0	2	0	2	0	2	0
ASNS	2	2	0	2	2	0	0	2	0	0	2	0	0	0	2	1	2	2	2	2	0	2	0	2	0	2	0
MGC72080	2	2	0	2	2	0	0	2	0	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
OCM2	2	2	0	2	2	0	0	2	0	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
LMTK2	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
BHLHA15	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
TECPR1	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
BRI3	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
BAIAP2L1	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0

NPTX2	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
TMEM130	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
TRRAP	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
SMURF1	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
KPNA7	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
MYH16	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
ARPC1A	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
ARPC1B	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
PDAP1	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
BUD31	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
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ZKSCAN5	2	2	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	0	2	0	2	0	2	0
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LRRN3	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
DOCK4	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
ZNF277	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
IFRD1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
C7orf53	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
TMEM168	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
C7orf60	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
GPR85	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
LOC401397	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
PPP1R3A	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
FOXP2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
MDFIC	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
TFEC	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
TES	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
CAV2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
CAV1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
MET	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
CAPZA2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
ST7OT1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
ST7	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
ST7OT4	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
ST7OT2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
ST7OT3	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
WNT2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
ASZ1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
CFTR	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
CTTNBP2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
LSM8	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
ANKRD7	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
KCND2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
TSPAN12	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
ING3	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
C7orf58	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
WNT16	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
FAM3C	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
PTPRZ1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
AASS	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
FEZF1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
CADPS2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
RNF133	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
RNF148	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
TAS2R16	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
SLC13A1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
IQUB	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0

NDUFA5	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
ASB15	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
LMOD2	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
WASL	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
HYALP1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
HYAL4	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
SPAM1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
LOC730130	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
LOC136157	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
GPR37	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
POT1	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
GRM8	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
ZNF800	1	2	0	0	2	0	1	1	1	1	1	0	0	0	2	1	2	2	2	2	0	2	0	2	1	2	0
GCC1	2	2	0	0	2	0	0	1	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
ARF5	2	2	0	0	2	0	0	1	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
FSCN3	2	2	0	0	2	0	0	1	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
PAX4	2	2	0	0	2	0	0	1	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
SND1	2	2	0	0	2	0	2	1	0	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
C7orf54	2	2	0	0	2	0	2	2	0	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
LRRC4	2	2	0	0	2	0	2	2	0	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
LEP	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
RBM28	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
LOC401399	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
IMPDH1	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
C7orf68	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
METTL2B	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
FLJ45340	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
FAM71F2	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
FAM71F1	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
CALU	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
OPN1SW	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
CCDC136	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
FLNC	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
ATP6V1F	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
KCP	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
IRF5	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
TNPO3	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
LOC286016	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
LOC407835	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
TSPAN33	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
SMO	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
AHCYL2	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
FAM40B	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
NRF1	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
UBE2H	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
ZC3HC1	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
KLHDC10	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0

TMEM209	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
C7orf45	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
CPA2	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
CPA4	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
CPA5	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
CPA1	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
TSGA14	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
MEST	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
MESTIT1	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
COPG2	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
TSGA13	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
KLF14	2	2	0	0	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
FLJ43663	2	2	0	0	2	0	2	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
MKLN1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
PODXL	2	2	0	0	2	0	2	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
PLXNA4	2	2	0	0	2	0	2	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	0	2	0
CHCHD3	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	0	2	0
EXOC4	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	0	2	0
LRGUK	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	0	2	0
SLC35B4	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
AKR1B1	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
AKR1B10	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
AKR1B10L	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
BPGM	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
CALD1	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
AGBL3	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
TMEM140	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
C7orf49	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
WDR91	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
STRA8	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
CNOT4	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
NUP205	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
PL-5283	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
SLC13A4	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
FAM180A	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
LUZP6	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
MTPN	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
CHRM2	2	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
PTN	2	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
DGKI	2	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
CREB3L2	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
AKR1D1	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TRIM24	2	2	0	2	2	0	0	2	0	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
SVOPL	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ATP6V0A4	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TMEM213	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
KIAA1549	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0

ZC3HAV1L	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ZC3HAV1	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TTC26	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
UBN2	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
C7orf55	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
LUC7L2	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
KLRG2	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
CLEC2L	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
HIPK2	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TBXAS1	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
PARP12	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
JHDM1D	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
LOC100134229	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
SLC37A3	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
RAB19	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
MKRN1	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
DENND2A	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ADCK2	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
LOC100134713	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
NDUFB2	2	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
BRAF	2	2	0	2	2	0	0	2	2	0	2	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
MRPS33	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
AGK	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
KIAA1147	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
FLJ40852	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
WEE2	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
SSBP1	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TAS2R3	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TAS2R4	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TAS2R5	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
LOC136242	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
OR9A4	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
CLEC5A	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TAS2R38	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
MGAM	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
LOC93432	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
LOC100124692	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
MOXD2	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TRYX3	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
PRSS1	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TRY6	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
PRSS2	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
EPHB6	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TRPV6	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TRPV5	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
C7orf34	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
KEL	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0

OR9A2	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
OR6V1	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
OR6W1P	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
PIP	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TAS2R39	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TAS2R40	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
GSTK1	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TMEM139	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
CASP2	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
CLCN1	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
FAM131B	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ZYX	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
EPHA1	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TAS2R60	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TAS2R41	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
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FAM115C	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
CTAGE6	2	2	0	0	2	0	0	2	0	0	1	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
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FAM115A	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
OR2F2	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
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OR2A5	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
OR2A25	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
OR2A12	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
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CTAGE4	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
ARHGEF5L	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
OR2A1	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
OR2A42	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
OR2A7	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
OR2A20P	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
OR2A9P	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
ARHGEF5	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
NOBOX	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
TPK1	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
CNTNAP2	1	2	0	0	2	0	1	2	0	0	1	0	2	0	2	1	2	2	2	2	0	2	0	2	2	2	0
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C7orf33	2	2	0	0	2	0	0	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
CUL1	2	2	0	0	2	0	0	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
EZH2	2	2	0	0	2	0	0	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
PDIA4	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ZNF786	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ZNF425	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ZNF398	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0

ZNF282	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ZNF212	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ZNF783	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ZNF777	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ZNF746	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ZNF767	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
KRBA1	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ZNF467	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
SSPO	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ZNF862	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
LOC401431	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ATP6V0E2	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
LRRC61	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
C7orf29	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
RARRES2	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
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ZNF775	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
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GIMAP8	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
GIMAP7	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
GIMAP4	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
GIMAP6	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
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GIMAP1	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
GIMAP5	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TMEM176B	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
TMEM176A	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
ABP1	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	1	0	2	2	2	0
KCNH2	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
NOS3	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
ATG9B	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
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CDK5	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
SLC4A2	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
FASTK	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
TMUB1	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
AGAP3	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
GBX1	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
ASB10	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
ABCF2	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
CSGLCA-T	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
SMARCD3	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
NUB1	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
WDR86	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	1	0	2	2	2	0
CRYGN	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	2	0	2	2	2	0
RHEB	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	2	0	2	2	2	0

PRKAG2	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	2	2	2	2	2	0	2	0	2	2	2	0
GALNTL5	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	2	2	2	0
GALNT11	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	0	2	2	0
MLL3	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	0	2	2	0
FABP5L3	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	0	2	2	0
CCT8L1	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	0	2	2	0
LOC100128822	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	0	2	2	0
XRCC2	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	0	2	2	0
ACTR3B	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	0	2	2	0
DPP6	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	0	2	2	0
LOC100132707	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	0	2	2	0
PAXIP1	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	0	2	2	0
HTR5A	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	2	2	2	2	0	2	0	0	2	2	0
INSIG1	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	2	0
EN2	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	2	0
CNPY1	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	2	0
RBM33	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	2	0
SHH	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	2	0
C7orf4	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	2	0
C7orf13	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	2	0
RNF32	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	2	0
LMBR1	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	2	0
NOM1	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	2	0
MNX1	2	2	0	0	2	0	2	2	0	0	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	2	0
UBE3C	2	2	0	0	2	0	2	2	0	0	0	0	2	0	0	0	0	2	2	2	0	2	0	0	2	2	0
DNAJB6	2	2	0	0	2	0	2	2	0	0	0	0	2	0	0	0	0	2	2	2	0	2	0	0	2	2	0
PTPRN2	2	2	0	0	2	0	2	2	0	0	0	0	2	0	0	0	0	2	2	2	1	1	0	0	2	2	1
NCAPG2	2	2	0	0	2	0	2	2	0	0	0	0	2	0	0	0	0	2	2	2	0	0	0	0	2	2	0
FAM62B	2	2	0	0	2	0	2	2	0	0	0	0	2	0	0	0	0	2	2	2	0	0	0	0	2	2	0
WDR60	2	2	0	0	2	0	2	2	0	0	0	0	2	0	0	0	0	2	2	2	0	0	0	0	2	2	0
LOC154822	2	2	0	0	2	0	2	2	0	0	0	0	2	0	0	0	0	2	2	2	0	0	0	0	2	2	0
VIPR2	2	2	0	0	2	0	2	2	0	0	0	0	2	0	0	0	0	2	2	2	0	0	0	0	2	2	0
MYOM2	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
CSMD1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	1	1	0
MCPH1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
ANGPT2	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
AGPAT5	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
XKR5	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFA6	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFA4	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFA1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
LOC728358	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFA3	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFA5	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
LOC349196	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB109	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	1	1	1	1	1	0

DEFB103A	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB103B	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
SPAG11B	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB104B	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB104A	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB106B	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB106A	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB105B	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB105A	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB107B	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB107A	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
FAM90A7	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
SPAG11A	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB4	1	2	2	0	1	1	1	1	1	0	0	0	2	0	1	0	0	0	1	0	0	1	1	1	1	1	0
FAM66E	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	1	1	1	1	1	0
FLJ10661	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	1	1	1	1	1	0
PRAGMIN	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
CLDN23	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
MFHAS1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
ERI1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
PPP1R3B	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
TNKS	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
LOC157627	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
MSRA	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
UNQ9391	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
RP1L1	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
C8orf74	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
SOX7	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
PINX1	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
XKR6	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
MTMR9	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
AMAC1L2	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
TDH	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
C8orf12	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
FAM167A	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
BLK	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
GATA4	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
NEIL2	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
FDFT1	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
CTSB	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB137	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB136	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB134	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB130	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
ZNF705D	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
FAM66D	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
LOC392196	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0

DUB3	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
FAM86B1	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
FAM66A	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DEFB109P1	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
FAM86B2	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
LONRF1	1	2	2	0	1	1	2	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
LOC340357	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
C8orf79	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
DLC1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	1	1	0
C8orf48	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	1	1	0
SGCZ	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	1	1	0
TUSC3	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	1	1	0
MSR1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	1	1	0
FGF20	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	1	1	0
EFHA2	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	1	1	0
ZDHHC2	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	1	1	0
CNOT7	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	1	1	0
VPS37A	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	1	1	0
MTMR7	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
SLC7A2	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
PDGFRL	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
MTUS1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
FGL1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
PCM1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
ASAH1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
NAT1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
NAT2	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
PSD3	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
SH2D4A	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
CSGALNACT1	1	2	2	0	1	1	1	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
INTS10	1	2	2	0	1	1	1	1	0	0	2	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
LPL	1	2	2	0	1	1	1	1	0	0	2	0	2	0	1	0	0	0	1	2	0	0	1	1	1	1	0
SLC18A1	1	2	2	0	1	1	1	1	0	0	2	0	2	0	1	2	0	0	1	2	0	0	1	1	1	1	0
ATP6V1B2	1	2	2	0	1	1	1	1	0	0	2	0	2	0	1	2	0	0	1	2	0	0	1	1	1	1	0
LZTS1	1	2	2	0	1	1	1	1	0	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	1	1	0
GFRA2	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
DOK2	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
XPO7	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
NPM2	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
FGF17	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
EPB49	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
FAM160B2	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
NUDT18	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
HR	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
REEP4	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
LGI3	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
SFTPC	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0

BMP1	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
PHYHIP	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
POLR3D	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
PIWIL2	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
SLC39A14	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
PPP3CC	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
SORBS3	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
PDLIM2	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
C8orf58	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
KIAA1967	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
BIN3	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
EGR3	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
PEBP4	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
RHOBTB2	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
TNFRSF10B	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
TNFRSF10C	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
TNFRSF10D	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
TNFRSF10A	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
CHMP7	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
R3HCC1	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
LOXL2	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
ENTPD4	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
SLC25A37	2	2	2	2	1	1	2	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
NKX3-1	2	2	2	2	1	1	1	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	2	1	0
NKX2-6	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	1	1	0
STC1	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	2	0	0	1	2	0	0	1	0	1	1	0
ADAM28	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
ADAMDEC1	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
ADAM7	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
NEFM	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
NEFL	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
DOCK5	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
GNRH1	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
KCTD9	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
CDCA2	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
EBF2	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
PPP2R2A	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
BNIP3L	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
PNMA2	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
DPYSL2	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
ADRA1A	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
STMN4	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
TRIM35	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
PTK2B	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
CHRNA2	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
EPHX2	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
CLU	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0

SCARA3	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
CCDC25	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
ESCO2	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
PBK	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
SCARA5	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
C8orf80	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
ELP3	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
PNOC	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
ZNF395	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
FBXO16	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
FZD3	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
EXTL3	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
INTS9	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
HMBOX1	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
KIF13B	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
DUSP4	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
C8orf75	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
LOC286135	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
TMEM66	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
LEPROTL1	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
MBOAT4	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
DCTN6	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
RBPMS	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
GTF2E2	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
GSR	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
UBXN8	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
PPP2CB	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
TEX15	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
PURG	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
WRN	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
NRG1	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
FUT10	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
MAK16	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
C8orf41	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
RNF122	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	1	0
DUSP26	1	2	2	2	1	1	2	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	0	0
UNC5D	1	2	2	2	1	1	1	1	2	0	2	0	2	0	1	0	0	0	1	2	0	0	1	0	1	2	0
KCNU1	1	2	2	2	1	1	1	0	2	0	2	0	2	0	1	0	0	0	2	2	0	0	1	0	1	2	0
FKSG2	1	2	2	2	1	1	1	0	2	0	2	0	2	0	1	0	0	0	2	2	0	0	1	0	1	2	0
ADAM5P	2	2	1	2	2	2	1	2	2	1	2	1	2	0	0	0	0	0	2	2	1	0	1	0	1	1	0
ADAM3A	2	2	1	2	2	2	1	2	2	1	2	1	2	0	0	0	0	0	2	2	1	0	1	0	1	1	0
UBE2V2	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	1	0	0
EFCAB1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	2	0	1	0	0
SNAI2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	2	0	1	0	0
C8orf22	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	0	0	0	2	0	1	0	0
SNTG1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	0	0	0	2	0	1	0	0
PXDNL	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	0	0	0	2	0	1	0	0

PCMTD1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	0	0	0	2	0	1	0	0
ST18	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
FAM150A	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RB1CC1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
NPBWR1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
OPRK1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
ATP6V1H	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RGS20	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TCEA1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
LYPLA1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
MRPL15	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SOX17	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RP1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
XKR4	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TMEM68	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TGS1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
LYN	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RPS20	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SNORD54	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
MOS	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PLAG1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CHCHD7	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SDR16C5	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SDR16C6	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SDR16C5	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SDR16C6	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PENK	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
IMPAD1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
C8orf71	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
FAM110B	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
UBXN2B	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CYP7A1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SDCBP	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
NSMAF	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TOX	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CA8	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RAB2A	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CHD7	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RLBP1L1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
ASPH	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
NKAIN3	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
LOC643763	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
GGH	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TTPA	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
YTHDF3	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
LOC401463	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
BHLHE22	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CYP7B1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
ARMC1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0

MTFR1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PDE7A	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
DNAJC5B	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TRIM55	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CRH	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RRS1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
ADHFE1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
C8orf46	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
MYBL1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
VCPIP1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
C8orf44	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SGK3	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PTTG3	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
C8orf45	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SNHG6	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SNORD87	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
LRRC67	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
COPS5	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CSPP1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
ARFGEF1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CPA6	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PREX2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
C8orf34	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SULF1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SLCO5A1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PRDM14	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
NCOA2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TRAM1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
LACTB2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
XKR9	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
EYA1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
MSC	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TRPA1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
KCNB2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TERF1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
C8orf84	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RPL7	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RDH10	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
STAU2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
UBE2W	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TCEB1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TMEM70	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
LY96	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
JPH1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
GDAP1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PI15	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CRISPLD1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0

HNF4G	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
LOC100192378	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
ZFHX4	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PXMP3	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PKIA	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
FAM164A	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
IL7	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
STMN2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
HEY1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
MRPS28	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TPD52	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
ZBTB10	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
ZNF704	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PAG1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
FABP5	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PMP2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
FABP9	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
FABP4	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
FABP12	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
IMPA1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SLC10A5	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
ZFAND1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CHMP4C	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SNX16	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RALYL	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
LRRCC1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
E2F5	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
C8orf59	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CA13	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CA1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CA3	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CA2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
REXO1L2P	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
REXO1L1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PSKH2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
ATP6V0D2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SLC7A13	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
WWP1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
FAM82B	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CPNE3	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CNGB3	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CNBD1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
WDR21C	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
MMP16	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RIPK2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
OSGIN2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
NBN	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0

DECR1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CALB1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TMEM64	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
NECAB1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TMEM55A	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
OTUD6B	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
LRRC69	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SLC26A7	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RUNX1T1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
C8orf83	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
FAM92A1	1	2	2	0	2	2	1	0	1	2	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RBM12B	1	2	2	0	2	2	1	0	1	2	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
C8orf39	1	2	2	0	2	2	1	0	1	2	0	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TMEM67	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PPM2C	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CDH17	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
GEM	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RAD54B	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
KIAA1429	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
ESRP1	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
DPY19L4	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
INTS8	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
CCNE2	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TP53INP1	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
C8orf38	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PLEKHF2	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
C8orf37	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
GDF6	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
UQCRB	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
MTERFD1	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PTDSS1	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SDC2	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
PGCP	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
TSPYL5	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
MTDH	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
LAPTM4B	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
MATN2	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RPL30	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SNORA72	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
C8orf47	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
HRSP12	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
POP1	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
NIPAL2	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
KCNS2	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
STK3	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
OSR2	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
VPS13B	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0

COX6C	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RGS22	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
FBXO43	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
POLR2K	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SPAG1	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
RNF19A	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
ANKRD46	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	0	1	0	0
SNX31	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
PABPC1	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
YWHAZ	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
ZNF706	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
NACAP1	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
GRHL2	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
NCALD	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
RRM2B	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
UBR5	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
ODF1	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
KLF10	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
AZIN1	1	2	2	0	2	2	1	0	1	2	2	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
ATP6V1C1	1	2	2	0	2	2	1	0	1	2	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
C8orf56	1	2	2	0	2	2	1	0	1	2	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
BAALC	1	2	2	0	2	2	1	0	1	2	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
FZD6	1	2	2	0	2	2	1	0	1	2	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
CTHRC1	1	2	2	0	2	2	1	0	1	2	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
SLC25A32	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
WDSOF1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
RIMS2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
TM7SF4	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
DPYS	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
LRP12	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
ZFPM2	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
OXR1	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
ABRA	1	2	2	0	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
ANGPT1	1	2	2	1	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
RSPO2	1	2	2	1	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
EIF3E	1	2	2	1	2	2	1	0	1	1	0	0	2	1	0	1	0	0	0	2	0	0	2	2	1	0	0
TTC35	1	2	2	1	2	2	1	0	1	1	0	0	2	1	0	1	0	0	0	2	0	0	2	2	1	0	0
TMEM74	1	2	2	1	2	2	1	0	1	1	0	0	2	1	0	1	0	0	0	2	0	0	2	2	1	0	0
TRHR	1	2	2	1	2	2	1	0	1	1	0	0	2	1	0	1	0	0	0	2	0	0	2	2	1	0	0
NUDCD1	1	2	2	1	2	2	1	0	1	1	0	0	2	1	0	1	0	0	0	2	0	0	2	2	1	0	0
ENY2	1	2	2	1	2	2	1	0	1	1	0	0	2	1	0	1	0	0	0	2	0	0	2	2	1	0	0
PKHD1L1	1	2	2	1	2	2	1	0	1	1	0	0	2	1	0	1	0	0	0	2	0	0	2	2	1	0	0
EBAG9	1	2	2	1	2	2	1	0	1	1	0	0	2	1	0	1	0	0	0	2	0	0	2	2	1	0	0
GOLSYN	1	2	2	1	2	2	1	0	1	1	0	0	2	1	0	1	0	0	0	2	0	0	2	2	1	0	0
KCNV1	1	2	2	1	2	2	1	0	1	1	0	0	2	1	0	1	0	0	0	2	0	0	2	2	1	0	0
CSMD3	1	2	2	1	2	2	1	0	1	1	0	0	2	1	0	1	0	0	0	2	0	0	2	2	1	0	0
TRPS1	1	2	2	1	2	2	1	0	1	1	0	0	2	1	0	1	0	0	0	2	0	0	2	2	1	0	0

EIF3H	1	2	2	1	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
UTP23	1	2	2	1	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
RAD21	1	2	2	1	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
C8orf85	1	2	2	1	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
SLC30A8	1	2	2	1	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	1	0	0
MED30	1	2	2	1	2	2	1	0	1	1	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
EXT1	1	2	2	0	2	2	1	0	1	0	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
SAMD12	1	2	2	0	2	2	1	0	1	0	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
TNFRSF11B	1	2	2	0	2	2	1	0	1	0	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
COLEC10	1	2	2	0	2	2	1	0	1	0	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
MAL2	1	2	2	0	2	2	1	0	0	0	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
NOV	1	2	2	0	2	2	1	0	0	0	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
ENPP2	1	2	2	0	2	2	1	0	0	0	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
TAF2	1	2	2	0	2	2	1	0	0	0	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
DSCC1	1	2	2	0	2	2	1	0	0	0	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
DEPDC6	1	2	2	0	2	2	1	0	0	0	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
COL14A1	1	2	2	0	2	2	1	0	0	0	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
MRPL13	1	2	2	0	2	2	1	0	0	0	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
MTBP	1	2	2	0	2	2	1	0	0	0	0	0	2	0	0	1	0	0	0	2	0	0	2	2	0	0	0
SNTB1	1	2	2	0	2	2	1	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
HAS2	1	2	2	0	2	2	1	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
HAS2AS	1	2	2	0	2	2	1	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
ZHX2	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
DERL1	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
WDR67	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
FAM83A	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
LOC100131726	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
C8orf76	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
ZHX1	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
ATAD2	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
WDYHV1	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
FBXO32	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
KLHL38	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
ANXA13	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
FAM91A1	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
FER1L6	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
TMEM65	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
TRMT12	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
RNF139	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
TATDN1	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
NDUFB9	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
MTSS1	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
LOC157381	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
ZNF572	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
SQLE	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
KIAA0196	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
NSMCE2	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0

TRIB1	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
FAM84B	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	2	0	0
POU5F1P1	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	2	0	0
POU5F1B	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	2	0	0
LOC727677	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	2	0	0
MYC	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	2	0	0
PVT1	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	2	0	0
GSDMC	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
FAM49B	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	0	0
ASAP1	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
DDEF1IT1	1	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
ADCY8	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
EFR3A	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
OC90	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
HHLA1	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
KCNQ3	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
HPYR1	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
LRRC6	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
TMEM71	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
PHF20L1	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
TG	1	2	2	0	2	0	2	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
SLA	1	2	2	0	2	0	2	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
WISP1	1	2	2	0	2	0	2	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
NDRG1	1	2	2	0	2	0	2	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
ST3GAL1	1	2	2	0	2	0	2	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
ZFAT	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
ZFATAS	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
LOC286094	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	2	0	0	0
KHDRBS3	1	2	2	0	2	0	1	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	2	0	0	0	0
FAM135B	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0	0	2	0	0	0	0
COL22A1	1	2	2	0	2	0	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0	0	2	0	0	0	0
SLC45A4	2	2	2	0	2	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	1
LOC731779	2	2	2	0	2	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	1
GPR20	2	2	2	0	2	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	1
PTP4A3	2	2	2	0	2	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	1
FLJ43860	2	2	2	0	2	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	1
NCRNA00051	2	0	2	0	2	1	2	0	0	0	0	0	2	1	0	2	0	2	2	2	1	1	0	0	2	0	1
TSNARE1	2	0	2	0	2	1	2	0	0	0	0	0	2	1	0	2	0	2	2	2	1	1	0	0	2	0	1
BAI1	2	0	2	0	2	1	2	0	0	0	0	0	2	1	0	2	0	2	2	2	1	1	0	0	2	0	1
ARC	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	1	1	0	0	2	0	1
JRK	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	1	1	0	0	2	0	1
PSCA	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	1	1	0	0	2	0	1
LY6K	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	1	1	0	0	2	0	1
C8orf55	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	0	1	0	0	2	0	1
SLURP1	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	0	1	0	0	2	0	1
LYPD2	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	0	1	0	0	2	0	1
LYNX1	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	0	1	0	0	2	0	1

LY6D	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	0	1	0	0	2	0	1
GML	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	0	1	0	0	2	0	1
CYP11B1	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	0	1	0	0	2	0	1
CYP11B2	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	0	1	0	0	2	0	1
LOC100133669	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	0	1	0	0	2	0	1
LY6E	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	0	1	0	0	2	0	1
C8orf31	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	0	1	0	0	2	0	1
LY6H	2	0	2	0	2	1	2	0	0	0	2	0	2	1	0	2	0	2	2	2	0	1	0	0	2	0	1
GPIHBP1	2	0	2	0	2	1	2	0	0	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	1
ZFP41	2	0	2	0	2	0	2	0	0	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	1
GLI4	2	0	2	0	2	0	2	0	0	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	1
ZNF696	2	0	2	0	2	0	2	0	0	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	1
TOP1MT	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	1
C8orf51	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	1
RHPN1	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	1
MAFA	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
ZC3H3	2	0	2	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
GSDMD	2	0	2	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
C8orf73	2	0	2	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
NAPRT1	2	0	2	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
EEF1D	2	0	2	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
TIGD5	2	0	2	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
PYCRL	2	0	2	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
TSTA3	2	0	2	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
ZNF623	2	0	2	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
ZNF707	2	0	2	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
BREA2	2	0	2	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
MAPK15	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
FAM83H	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
SCRIB	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
PUF60	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
NRBP2	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
EPPK1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
PLEC1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
PARP10	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
GRINA	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	0	2	0	0
SPATC1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
OPLAH	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
EXOSC4	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
GPAA1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
CYC1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
SHARPIN	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
MAF1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
KIAA1875	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
C8orf30A	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
HEATR7A	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
SCXB	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0

SCXA	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
BOP1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
HSF1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
DGAT1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
SCRT1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
C8ORFK29	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
FBXL6	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
GPR172A	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
ADCK5	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
CPSF1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
SLC39A4	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
VPS28	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
NFKBIL2	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
CYHR1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
KIFC2	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
FOXH1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
PPP1R16A	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
GPT	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
MFSD3	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
RECQL4	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
LRRC14	2	0	2	0	2	0	2	2	0	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
LRRC24	2	0	2	0	2	0	2	2	0	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
MGC70857	2	0	2	0	2	0	2	2	0	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
KIAA1688	2	0	2	0	2	0	2	2	0	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
ZNF251	2	0	2	0	2	0	2	2	0	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	2	0	0
ZNF34	2	0	2	0	2	0	2	2	0	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	2	0	0
RPL8	2	0	2	0	2	0	2	2	0	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	2	0	0
ZNF517	2	0	2	0	2	0	2	0	0	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	2	0	0
ZNF7	2	0	2	0	2	0	2	0	0	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	2	0	0
SMARCA2	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	2	0	1	0
FLJ35024	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	2	0	1	0
VLDLR	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	2	0	1	0
KCNV2	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	2	0	1	0
KIAA0020	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	1	0
RFX3	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	1	0
GLIS3	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	1	0
C9orf70	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	1	0
SLC1A1	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	1	0
C9orf68	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	1	0
PPAPDC2	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	1	0
CDC37L1	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	1	0
AK3	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	1	0
RCL1	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	1	0
JAK2	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
INSL6	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
INSL4	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
RLN2	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0

RLN1	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
C9orf46	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
CD274	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
PDCD1LG2	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
KIAA1432	1	2	0	0	2	0	1	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
ERMP1	1	2	0	0	2	0	0	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
MLANA	1	2	0	0	2	0	0	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
KIAA2026	1	2	0	0	2	0	0	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
RANBP6	1	2	0	0	2	0	0	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IL33	1	2	0	0	2	0	0	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
TPD52L3	1	2	0	0	2	0	0	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
UHRF2	1	2	0	0	2	0	0	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
GLDC	1	2	0	0	2	0	0	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
KDM4C	1	2	0	0	2	0	0	0	1	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
C9orf123	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
PTPRD	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
TYRP1	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
C9orf150	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
MPDZ	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
NFIB	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
ZDHHC21	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
CER1	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
FREM1	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
LOC389705	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
TTC39B	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
SNAPC3	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
PSIP1	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
C9orf93	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
BNC2	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
CNTLN	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
SH3GL2	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
ADAMTSL1	1	2	0	0	2	0	2	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
FAM154A	1	2	0	0	2	0	2	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
RRAGA	1	2	0	0	2	0	2	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
HAUS6	1	2	0	0	2	0	2	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
SCARNA8	1	2	0	0	2	0	2	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
ADFP	1	2	0	0	2	0	2	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
DENND4C	1	2	0	0	2	0	2	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
RPS6	1	2	0	0	2	0	2	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
ACER2	1	2	0	0	2	0	2	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
SLC24A2	1	2	0	0	2	0	2	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
MLLT3	1	2	0	0	2	0	2	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
KIAA1797	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
PTPLAD2	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNB1	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNW1	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNA21	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0

IFNA4	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNA7	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNA10	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNA16	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNA17	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNA14	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNA5	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
KLHL9	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNA6	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNA13	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNA2	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNA8	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNA1	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
LOC554202	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
IFNE	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
MTAP	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
C9orf53	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
CDKN2A	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
CDKN2BAS	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
CDKN2B	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
DMRTA1	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	1	0
ELAVL2	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	2	0
TUSC1	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	2	0
C9orf82	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	2	0
PLAA	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	2	0
IFT74	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	2	0
LRRC19	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	2	0
TEK	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	2	0
NCRNA00032	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	2	0
C9orf11	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	2	0
MOBKL2B	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	2	0
IFNK	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	2	0
C9orf72	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	2	0
LINGO2	1	2	0	0	2	0	1	0	1	1	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	2	0
DNAJA1	2	2	0	0	2	0	2	2	2	0	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
SMU1	2	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
B4GALT1	2	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
SUGT1P	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
SPINK4	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
BAG1	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
CHMP5	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
NFX1	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
AQP7	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
AQP3	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
NOL6	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
ANXA2P2	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
PTENP1	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0

PRSS3	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
UBE2R2	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
UBAP2	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
SNORD121B	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
SNORD121A	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
WDR40A	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
UBAP1	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
KIF24	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
NUDT2	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
KIAA1161	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
C9orf24	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
C9orf25	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
DNAI1	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
ENHO	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
CNTFR	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
LOC415056	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
C9orf23	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
DCTN3	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
ARID3C	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
SIGMAR1	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
GALT	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
IL11RA	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
CCL27	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
CCL19	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
CCL21	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
C9orf144B	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
C9orf144	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
KIAA1045	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
DNAJB5	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
C9orf131	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
VCP	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
FANCG	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
PIGO	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
STOML2	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
KIAA1539	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
UNC13B	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
LOC158381	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
RUSC2	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
FAM166B	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
TESK1	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
CD72	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
SIT1	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
RMRP	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
CCDC107	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
C9orf100	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
CA9	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
TPM2	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0

TLN1	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
CREB3	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
GBA2	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
RGP1	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
MSMP	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
NPR2	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
SPAG8	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
HINT2	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
C9orf128	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
C9orf127	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
LOC92973	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
OR13J1	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
HRCT1	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
LOC158376	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
OR2S2	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
RECK	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
GLIPR2	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
CCIN	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
CLTA	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
GNE	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
RNF38	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
MELK	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
PAX5	2	2	0	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	2	0	2	0	0	2	0
C9orf79	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
FAM75C1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
CCRK	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
SPIN1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
NXNL2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
LOC286238	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
C9orf47	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
S1PR3	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
SHC3	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
CKS2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
SECISBP2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
SEMA4D	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
GADD45G	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
LOC100129066	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
DIRAS2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
SYK	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
AUH	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
NFIL3	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ROR2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
SPTLC1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
LOC100128076	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
C9orf44	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
IARS	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
SNORA84	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0

NOL8	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
CENPP	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
OGN	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
OMD	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ASPN	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ECM2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
IPPK	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
BICD2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ANKRD19	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ZNF484	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
FGD3	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
SUSD3	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
C9orf89	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
NINJ1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
WNK2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
C9orf129	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
FAM120AOS	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
FAM120A	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
PHF2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
BARX1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
PTPDC1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ZNF169	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
FAM22F	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
HIATL1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
FBP2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
FBP1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
C9orf3	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
FANCC	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
PTCH1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
C9orf130	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
C9orf102	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
NCRNA00092	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
HSD17B3	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
SLC35D2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ZNF367	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
HABP4	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
CDC14B	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
C9orf21	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
LOC441455	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ZNF510	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ZNF782	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
FAM22G	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
HIATL2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
CTSL2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
LOC340508	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ZNF322B	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
KIAA1529	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0

LOC286359	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
TDRD7	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
TMOD1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
C9orf97	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
NCBP1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
XPA	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
FOXE1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
C9orf156	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
HEMGN	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ANP32B	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
NANS	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
TRIM14	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
CORO2A	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
TBC1D2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
GABBR2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ANKS6	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
GALNT12	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
COL15A1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
NR4A3	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	0	1	0	0
STX17	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
ERP44	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
INVS	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
TEX10	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
C9orf30	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
TMEFF1	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
MURC	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
PRG-3	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
BAAT	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
MRPL50	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
ZNF189	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
ALDOB	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
C9orf125	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
RNF20	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
GRIN3A	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
PPP3R2	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
CYLC2	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
SMC2	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
OR13F1	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
OR13C4	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
OR13C3	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
OR13C8	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
OR13C5	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
OR13C2	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
OR13C9	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
OR13D1	1	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
NIPSNAP3A	1	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
C9orf110	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0

C9orf109	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
SLC31A2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
FKBP15	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
SLC31A1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
CDC26	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
PRPF4	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
RNF183	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
WDR31	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
BSPRY	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
HDHD3	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
ALAD	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
POLE3	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
C9orf43	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
RGS3	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
ZNF618	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
AMBP	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
KIF12	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
COL27A1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
ORM1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
ORM2	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
AKNA	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
DFNB31	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
ATP6V1G1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
C9orf91	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
TNFSF15	2	2	0	0	2	0	0	2	0	0	1	0	2	0	0	2	0	0	1	2	0	0	2	2	1	0	0
GSN	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
STOM	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
GGTA1	2	2	0	0	2	0	2	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
DAB2IP	2	2	0	2	2	0	2	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
TTLL11	2	2	0	2	2	0	2	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
NDUFA8	2	2	0	2	2	0	2	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
MORN5	2	2	0	2	2	0	2	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
LHX6	2	2	0	2	2	0	2	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
RBM18	2	2	0	2	2	0	2	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
MRRF	2	2	0	2	2	0	2	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
PTGS1	2	2	0	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR1J1	2	2	0	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR1J2	2	2	0	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR1J4	2	2	0	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR1N1	2	2	0	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR1N2	2	2	0	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR1L8	2	2	0	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR1Q1	2	2	0	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR1B1	2	2	0	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR1L1	2	2	0	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR1L3	2	2	0	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR1L4	2	2	0	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0

OR1L6	2	2	0	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR5C1	2	2	2	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR1K1	2	2	2	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
PDCL	2	2	2	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
RC3H2	2	2	2	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
SNORD90	2	2	2	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
ZBTB6	2	2	2	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
ZBTB26	2	2	2	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
RABGAP1	2	2	2	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
GPR21	2	2	2	2	2	0	1	2	0	0	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
C9orf45	2	2	2	2	2	0	1	2	0	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
STRBP	2	2	2	2	2	0	1	2	0	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
CRB2	2	2	2	2	2	0	2	2	0	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
DENND1A	2	2	2	2	2	0	2	2	0	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
LHX2	2	2	2	2	2	0	2	2	0	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
NEK6	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
PSMB7	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
LOC100129034	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
NR5A1	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
NR6A1	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
OLFML2A	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
WDR38	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
RPL35	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
ARPC5L	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
GOLGA1	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
C9orf126	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
PPP6C	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
RABEPK	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
HSPA5	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
GAPVD1	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
MAPKAP1	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
PBX3	2	2	2	2	2	0	0	2	2	2	0	0	2	0	0	0	0	0	1	2	0	0	2	2	0	0	0
FAM125B	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	1	2	0	0	2	2	0	0	0
LMX1B	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	0	0	1	2	0	0	2	2	0	0	0
ZBTB43	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	0	1	2	0	0	2	2	0	0	0
ZBTB34	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	0	1	2	0	0	2	2	0	0	0
RALGPS1	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	0	1	2	0	0	2	2	0	0	0
ANGPTL2	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	0	1	2	0	0	2	2	0	0	0
GARNL3	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	0	1	2	0	0	2	2	0	0	0
SLC2A8	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	0	1	2	0	0	2	2	0	0	0
ZNF79	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	0	1	2	0	0	2	2	0	0	0
RPL12	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	0	1	2	0	0	2	2	0	0	0
SNORA65	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	0	1	2	0	0	2	2	0	0	0
LRSAM1	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	0	1	2	0	0	2	2	0	0	0
FAM129B	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	0	1	2	0	0	2	2	0	0	0
STXBP1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	0	2	2	0	0	0
C9orf117	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	0	2	2	0	0	0

PTRH1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	0	2	2	0	0	0
TTC16	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	0	2	2	0	0	0
TOR2A	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	0	2	2	0	0	0
SH2D3C	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	0	2	2	0	0	0
CDK9	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	0	2	2	0	0	0
FPGS	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	0	2	2	0	0	0
ENG	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	0	2	2	0	0	0
AK1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	0	2	2	0	0	0
ST6GALNAC6	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
ST6GALNAC4	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
PIP5KL1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
DPM2	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
FAM102A	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
NAIF1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SLC25A25	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
PTGES2	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
LOC389791	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
LCN2	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
C9orf16	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
CIZ1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
DNM1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
GOLGA2	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
C9orf119	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
TRUB2	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
COQ4	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SLC27A4	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
URM1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
CERCAM	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
ODF2	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
GLE1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SPTAN1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
WDR34	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SET	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
PKN3	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
ZDHHC12	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
ZER1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
TBC1D13	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
ENDOG	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
C9orf114	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
CCBL1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
LRRC8A	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
PHYHD1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
DOLK	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
NUP188	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SH3GLB2	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
FAM73B	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
DOLPP1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0

CRAT	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
PPP2R4	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
IER5L	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
C9orf106	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
C9orf50	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
METTL11A	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
ASB6	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
PRRX2	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
PTGES	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
TOR1B	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
TOR1A	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
C9orf78	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
USP20	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
FNBP1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
GPR107	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
FREQ	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
ASS1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
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FUBP3	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
PRDM12	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
EXOSC2	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
ABL1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
QRFP	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
FIBCD1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
LAMC3	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
AIF1L	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
NUP214	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
FAM78A	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
PPAPDC3	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
BAT2L	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SNORD62A	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SNORD62B	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
POMT1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
UCK1	2	2	2	2	2	0	2	2	2	2	2	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
RAPGEF1	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
MED27	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
NTNG2	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SETX	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
TTF1	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
C9orf171	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
BARHL1	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
DDX31	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
GTF3C4	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
C9orf98	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
C9orf9	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
TSC1	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
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GTF3C5	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
CEL	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
CELP	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
RALGDS	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
GBGT1	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
OBP2B	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
ABO	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SURF6	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
MED22	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
RPL7A	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SNORD24	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SNORD36B	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SNORD36A	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
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SURF1	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SURF2	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SURF4	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
C9orf96	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
REXO4	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
ADAMTS13	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
C9orf7	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
SLC2A6	2	2	2	2	2	0	2	2	2	2	0	0	2	0	0	2	1	2	0	2	0	1	0	2	0	0	0
LOC389827	2	2	2	2	2	0	2	2	2	2	0	0	2	1	0	2	1	2	0	2	0	1	0	2	0	0	0
ADAMTSL2	2	2	2	2	2	0	2	2	2	2	0	0	2	1	0	2	1	2	0	2	0	1	0	2	0	0	0
FAM163B	2	2	2	2	2	0	2	2	2	2	0	0	2	1	0	2	1	2	0	2	0	1	0	2	0	0	0
DBH	2	2	2	2	2	0	2	2	2	2	0	0	2	1	0	2	1	2	0	2	0	1	0	2	0	0	0
SARDH	2	2	2	2	2	0	2	2	2	2	0	0	2	1	0	2	1	2	0	2	0	1	0	2	0	0	0
VAV2	2	2	2	2	2	1	2	2	2	2	0	0	2	1	0	2	1	2	0	2	0	1	0	2	0	0	0
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BRD3	2	2	2	2	2	1	2	2	2	2	0	0	2	1	0	2	1	2	0	2	0	1	0	2	0	0	0
WDR5	2	2	2	2	2	1	2	2	2	2	0	0	2	1	0	2	1	2	0	2	0	1	0	2	0	0	1
RNU6ATAC	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	1	2	0	2	0	1	0	2	0	0	1
RXRA	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	1	2	0	2	0	1	0	2	0	0	1
COL5A1	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	1	2	0	2	0	1	0	2	0	0	1
FCN2	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	1	2	0	2	0	1	0	2	0	0	1
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OLFM1	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	1	2	0	2	0	1	0	2	0	0	1
KIAA0649	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
C9orf116	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
MRPS2	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	1	1	0	2	0	0	1
LCN1	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	1	1	0	2	0	0	1
OBP2A	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	1	1	0	2	0	0	1
PAEP	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	1	1	0	2	0	0	1
GLT6D1	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
LCN9	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
SOHLH1	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
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CAMSAP1	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
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NACC2	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
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LHX3	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
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GPSM1	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
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SNAPC4	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
SDCCAG3	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
PMPCA	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
INPP5E	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
SEC16A	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
C9orf163	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
NOTCH1	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
EGFL7	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	1	1	0	2	0	0	1
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FAM69B	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
SNHG7	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
SNORA43	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
SNORA17	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
LCN10	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
LCN6	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
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LCN15	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
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KIAA1984	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
LOC100131193	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
C9orf86	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
LOC389813	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
PHPT1	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
MAMDC4	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
EDF1	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
TRAF2	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
FBXW5	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
C8G	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
LCN12	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
PTGDS	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
LCNL1	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
C9orf142	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
CLIC3	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
ABCA2	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
C9orf139	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
FUT7	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
NPDC1	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1

ENTPD2	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
C9orf140	2	2	2	0	2	1	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
UAP1L1	2	2	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
LOC286260	2	2	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
MAN1B1	2	2	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
DPP7	2	0	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
GRIN1	2	0	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
LRRC26	2	0	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
ANAPC2	2	0	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
SSNA1	2	0	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
C9orf75	2	0	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
TMEM203	2	0	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
NDOR1	2	0	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
RNF208	2	0	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
C9orf169	2	0	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
SLC34A3	2	0	2	0	2	0	2	2	2	2	0	0	2	1	0	2	0	2	0	2	0	1	0	2	0	0	1
TUBB2C	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
FAM166A	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
LOC441476	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
COBRA1	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
C9orf167	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
NRARP	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
EXD3	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
NOXA1	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
ENTPD8	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
NELF	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
PNPLA7	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
MRPL41	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
WDR85	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
ZMYND19	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
ARRDC1	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
C9orf37	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	2	0	2	0	1	0	2	0	0	1
EHMT1	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	2	0	0	0	2	0	1	0	2	0	0	1
FLJ40292	2	0	2	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	0	1	0	2	0	0	1
CACNA1B	2	0	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	0	1	0	2	0	0	1
CALML5	2	0	0	0	2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
CALML3	2	0	0	0	2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
ASB13	2	0	0	0	2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
C10orf18	2	0	0	0	2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
GDI2	2	0	0	0	2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
ANKRD16	2	0	0	0	2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
FBXO18	2	0	0	0	2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
IL15RA	2	0	0	0	2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
IL2RA	2	0	0	0	2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
RBM17	2	0	0	0	2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
PFKFB3	2	0	0	0	2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
USP6NL	2	0	0	0	2	0	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0

ECHDC3	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
C10orf47	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
UPF2	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
DHTKD1	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
SEC61A2	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
NUDT5	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
CDC123	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
CAMK1D	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
LOC283070	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
CCDC3	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
OPTN	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
MCM10	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
UCMA	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
PHYH	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
SEPHS1	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
BEND7	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
PRPF18	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
FRMD4A	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
FAM107B	2	0	0	0	2	2	2	2	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
ARMETL1	2	0	0	0	2	2	2	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0
HSPA14	2	0	0	0	2	2	2	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0
SUV39H2	2	0	0	0	2	2	2	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0
DCLRE1C	2	0	0	0	2	2	2	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0
MEIG1	2	0	0	0	2	2	2	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0
OLAH	2	0	0	0	2	2	2	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0
ACBD7	2	0	0	0	2	2	2	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0
C10orf111	2	0	0	0	2	2	2	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0
RPP38	2	0	0	0	2	2	2	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0
NMT2	2	0	0	0	2	2	2	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0
FAM171A1	2	0	0	0	2	2	2	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0
ZNF438	1	0	0	0	2	2	0	2	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	1	0	0	0
LOC220930	1	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
ZEB1	1	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
ARHGAP12	1	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0	0
KIF5B	1	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0	0
EPC1	1	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0	0
CCDC7	1	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0	0
C10orf68	1	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0	0
ITGB1	1	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0	0
NRP1	1	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0	0
PARD3	2	0	0	2	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0	0
CUL2	1	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0	0
CREM	1	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0	0
CCNY	1	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0	0	0
GJD4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0
FZD8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0
ANKRD30A	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

ZNF248	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZNF25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZNF33A	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZNF37A	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOC100129055	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRKG1	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
CSTF2T	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
DKK1	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
MBL2	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
PCDH15	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
ZWINT	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
IPMK	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
CISD1	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
UBE2D1	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
TFAM	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
BICC1	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
PHYHIPL	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
FAM13C	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
SLC16A9	1	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
CCDC6	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
C10orf40	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
ANK3	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
CDC2	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
RHOBTB1	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
TMEM26	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
C10orf107	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
ARID5B	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
RTKN2	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
ZNF365	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
ADO	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
EGR2	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
NRBF2	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
JMJD1C	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
LOC84989	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
REEP3	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
ANXA2P3	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
CTNNA3	1	0	0	2	1	0	1	2	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1
LRRTM3	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
MYPN	2	0	0	2	2	0	0	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
ATOH7	2	0	0	2	2	0	0	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
PBLD	2	0	0	2	2	0	0	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
HNRNPH3	2	0	0	2	2	0	0	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
RUFY2	2	0	0	2	2	0	0	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
DNA2	2	0	0	2	2	0	0	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
SLC25A16	2	0	0	2	2	0	2	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
TET1	2	0	0	2	2	0	2	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
CCAR1	2	0	0	2	2	0	2	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1

SNORD98	2	0	0	2	2	0	2	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
STOX1	2	0	0	2	2	0	2	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
DDX50	2	0	0	2	2	0	2	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
DDX21	2	0	0	2	2	0	2	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
KIAA1279	2	0	0	2	2	0	2	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
SRGN	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	0	1
VPS26A	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	0	1
SUPV3L1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	0	1
HKDC1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	0	1
HK1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	0	1
TACR2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	0	1
TSPAN15	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	0	1
NEUROG3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	0	1
C10orf35	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	2	1
COL13A1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	2	1
H2AFY2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	2	1
AIFM2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	2	1
TYSND1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	2	1
SAR1A	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	2	1
PPA1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	2	1
NPFFR1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	0	0	2	2	1
LRRC20	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	1
EIF4EBP2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	1
NODAL	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	1
KIAA1274	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	1
PRF1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	1
ADAMTS14	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	1
C10orf27	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	1
SGPL1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	1
PCBD1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	1
UNC5B	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	1
SLC29A3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	1
CDH23	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	1
C10orf54	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	0
PSAP	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	0
CHST3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	0
SPOCK2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	0
ASCC1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	0
C10orf104	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	0
DDIT4	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	0
DNAJB12	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	0	2	2	0
CBARA1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	2	2	0
CCDC109A	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
OIT3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
PLA2G12B	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
P4HA1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
NUDT13	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0

ECD	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
FAM149B1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
DNAJC9	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
MRPS16	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
TTC18	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
ANXA7	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
ZMYND17	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
PPP3CB	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
USP54	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
MYOZ1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
SYNPO2L	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
AGAP5	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
BMS1P4	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
SEC24C	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
FUT11	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
CHCHD1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
KIAA0913	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
NDST2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
CAMK2G	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
C10orf55	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
PLAU	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
VCL	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
AP3M1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
ADK	2	0	0	2	2	0	1	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
MYST4	2	0	0	2	2	0	1	2	2	0	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
DUPD1	2	0	0	2	2	0	1	2	2	0	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
DUSP13	2	0	0	2	2	0	1	2	2	0	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
SAMD8	2	0	0	2	2	0	1	2	2	0	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
VDAC2	2	0	0	2	2	0	1	2	2	0	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
COMTD1	2	0	0	2	2	0	1	2	2	0	2	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
ZNF503	2	0	0	2	0	0	1	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
C10orf41	2	0	0	0	0	0	1	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
C10orf11	2	0	0	0	0	0	1	1	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
KCNMA1	2	0	0	0	0	0	1	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
DLG5	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
LOC100128292	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
POLR3A	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
RPS24	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
LOC283050	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
ZMIZ1	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
PPIF	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
ZCCHC24	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
EIF5AL1	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
SFTPA2	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
SFTPA2B	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
SFTPA1B	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
SFTPA1	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0

MBL1P1	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
SFTPD	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
LOC219347	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
C10orf57	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
PLAC9	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
ANXA11	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
MAT1A	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
DYDC1	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
DYDC2	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
C10orf58	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
TSPAN14	2	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
NRG3	1	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
PIK3AP1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
LCOR	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
C10orf12	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
SLIT1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
ARHGAP19	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
FRAT1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
FRAT2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
RRP12	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
PGAM1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
EXOSC1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
ZDHHC16	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
MMS19	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
UBTD1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
ANKRD2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
C10orf65	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
C10orf62	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
MORN4	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
PI4K2A	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
AVPI1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
MARVELD1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
LOC100270710	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
ZFYVE27	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
SFRP5	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
GOLGA7B	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
CRTAC1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
C10orf28	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
LOXL4	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
C10orf33	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
HPS1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
HPSE2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
CNNM1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
GOT1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
NKX2-3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
SLC25A28	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
ENTPD7	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0

COX15	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
CUTC	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
ABCC2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
DNMBP	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
NCRNA00093	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
CPN1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
ERLIN1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
CHUK	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
CWF19L1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
SNORA12	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
BLOC1S2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
PKD2L1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
SCD	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
C10orf75	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
WNT8B	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
SEC31B	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
NDUFB8	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
HIF1AN	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
PAX2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
FAM178A	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
SEMA4G	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
MRPL43	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
C10orf2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
LZTS2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
PDZD7	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
SFXN3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
KAZALD1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
TD1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
TLX1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
LBX1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
BTRC	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
POLL	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
RP11-529I10.4	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
FBXW4	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
FGF8	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
NPM3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
MGEA5	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
KCNIP2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
C10orf76	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
HPS6	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
LDB1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
PPRC1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
NOLC1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
ELOVL3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
PITX3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
GBF1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
NFKB2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0

PSD	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
FBXL15	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
CUEDC2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
C10orf95	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
TMEM180	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
ACTR1A	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
SUFU	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
TRIM8	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
ARL3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
SFXN2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
C10orf26	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
CYP17A1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
C10orf32	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
AS3MT	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
CNNM2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
NT5C2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
LOC729020	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
INA	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
PCGF6	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
TAF5	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
USMG5	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
PDCD11	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
CALHM2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
CALHM1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
CALHM3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
NEURL	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
SH3PXD2A	2	0	0	2	2	0	2	2	2	2	2	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
PRLHR	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
C10orf46	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
NANOS1	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
EIF3A	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
SNORA19	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
FAM45A	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
FAM45B	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
SFXN4	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
PRDX3	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
GRK5	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
RGS10	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
TIAL1	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
BAG3	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
INPP5F	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
C10orf119	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
SEC23IP	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
PPAPDC1A	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
BRWD2	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
FGFR2	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
ATE1	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0

NSMCE4A	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
TACC2	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
BTBD16	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
PLEKHA1	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
ARMS2	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
HTRA1	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
DMBT1	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
C10orf120	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
FLJ46361	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
CUZD1	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
FAM24B	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
LOC399815	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
FAM24A	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
C10orf88	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
PSTK	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
IKZF5	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
ACADSB	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
HMX3	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
HMX2	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
BUB3	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	2	2	0
GPR26	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
CPXM2	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
GALNAC4S-6ST	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
OAT	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
NKX1-2	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
LHPP	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
FAM53B	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
METTL10	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
FAM175B	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
ZRANB1	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
CTBP2	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
PPP2R2D	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	1	1	0	2	0	0
BNIP3	2	0	0	0	0	1	0	0	0	0	0	0	2	0	1	2	0	2	0	2	0	1	1	0	2	0	0
JAKMIP3	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	1	1	0	2	0	0
DPYSL4	2	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	1	1	0	2	0	0
STK32C	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
LRRC27	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
PWWP2B	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
C10orf91	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
INPP5A	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
NKX6-2	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
C10orf92	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
C10orf93	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
GPR123	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
KNDC1	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	0
UTF1	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	0
VENTX	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	0

ADAM8	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	0
TUBGCP2	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	0
ZNF511	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	0
CALY	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	0
PRAP1	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	0	0	2	0	2	1	1	1	0	0	0	0
C10orf125	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	0	0	2	0	2	1	1	1	0	0	0	0
ECHS1	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	0	0	2	0	2	1	1	1	0	0	0	0
PAOX	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	0	0	0	0	2	1	1	1	0	0	0	0
MTG1	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	0	0	0	0	2	1	1	1	0	0	0	0
SPRN	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	0	0	0	0	2	1	1	1	0	0	0	0
NLRP6	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	0	2	2	0	0
ATHL1	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
IFITM5	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
IFITM2	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
IFITM1	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
IFITM3	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
B4GALNT4	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
PKP3	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
SIGIRR	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
ANO9	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
PTDSS2	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
RNH1	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
HRAS	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
LRRC56	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
C11orf35	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
RASSF7	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
LOC143666	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
PHRF1	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
IRF7	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
MUPCDH	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	1
SCT	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
DRD4	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
DEAF1	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
TMEM80	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
EPS8L2	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
TALDO1	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
PDDC1	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
CEND1	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
SLC25A22	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
LRDD	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
RPLP2	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
SNORA52	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
PNPLA2	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
EFCAB4A	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
CD151	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
POLR2L	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
TSPAN4	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1

CHID1	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
AP2A2	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
MUC6	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
MUC2	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
MUC5AC	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
MUC5B	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
TOLLIP	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
BRSK2	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
HCCA2	2	0	0	0	0	1	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
DUSP8	2	0	0	0	0	1	2	0	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
LOC338651	2	0	0	0	0	1	2	0	2	2	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
KRTAP5-1	2	0	0	0	0	1	2	0	2	2	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
KRTAP5-2	2	0	0	0	0	1	2	0	2	2	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
KRTAP5-3	2	0	0	0	0	1	2	0	2	2	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
KRTAP5-4	2	0	0	0	0	1	2	0	2	2	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
KRTAP5-5	2	0	0	0	0	1	2	0	2	2	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
FAM99A	2	0	0	0	0	1	2	0	2	2	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
FAM99B	2	0	0	0	0	1	2	0	2	2	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
KRTAP5-6	2	0	0	0	0	1	2	0	2	2	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
CTSD	2	0	0	0	0	1	2	0	2	2	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
SYT8	2	0	0	0	0	1	2	0	2	2	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
TNNI2	2	0	0	0	0	1	2	0	2	2	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
LSP1	2	0	0	0	0	1	2	0	2	2	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
TNNT3	2	0	0	0	0	1	2	0	0	0	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
MRPL23	2	0	0	0	0	1	2	0	0	0	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
LOC100133545	2	0	0	0	0	1	2	0	0	0	0	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	1
H19	2	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
IGF2	2	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
INS-IGF2	2	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
IGF2AS	2	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
INS	2	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
TH	2	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
STIM1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0
RRM1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0
OR52B4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0
TRIM21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR52K2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR52K1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR52M1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
C11orf40	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR52I2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR52I1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
TRIM68	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR51D1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51E1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51E2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51F1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0

OR52R1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51F2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51S1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51T1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51A7	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51G2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51G1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51A4	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51A2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
MMP26	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51L1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52J3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52E2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52A4	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52A5	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52A1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51V1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
HBB	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
HBD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
HBBP1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
HBG1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
HBG2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
HBE1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51B4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51B2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51B5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51B6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51M1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51Q1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51I1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR51I2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52D1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
UBQLN3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
UBQLNL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52H1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52B6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
TRIM6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
TRIM6-TRIM34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
TRIM34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
TRIMP1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
TRIM5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
TRIM22	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR56B1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52N4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52N5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52N1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52N2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0

OR52E6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52E8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	0	0	0
OR52E4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR56A3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR56A5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR52L1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR56A4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR56A1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR56B4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR52B2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR52W1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
C11orf42	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
FAM160A2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
CNGA4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
CCKBR	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
PRKCDBP	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
SMPD1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
APBB1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
HPX	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
TRIM3	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
ARFIP2	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
FXC1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
DNHD1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
RRP8	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
ILK	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
TAF10	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
TPP1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
DCHS1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
MRPL17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
GVIN1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR2AG2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR2AG1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR6A2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR10A5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR10A2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR10A4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR2D2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR2D3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
ZNF215	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
ZNF214	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
NLRP14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
RBMXL2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
SYT9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OLFML1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
PPFIBP2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
CYB5R2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OVCH2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0

OR5P2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR5P3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR10A6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
OR10A3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
NLRP10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
EIF3F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
TUB	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
RIC3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
LMO1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
STK33	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
TRIM66	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
RPL27A	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
SNORA3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
SNORA45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
ST5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
C11orf17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
C11orf16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
ASCL3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
TMEM9B	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
NRIP3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
SCUBE2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
DENND5A	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
TMEM41B	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
IPO7	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
SNORA23	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
ZNF143	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
WEE1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
SWAP70	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
SBF2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
ADM	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
AMPD3	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
RNF141	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
LYVE1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
MRVI1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
CTR9	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
EIF4G2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
SNORD97	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
ZBED5	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
GALNTL4	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
CSNK2A1P	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
USP47	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
DKK3	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
MICAL2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
MICALCL	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
PARVA	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0
TEAD1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
RASSF10	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0

ARNTL	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
BTBD10	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
PTH	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
FAR1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
SPON1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
RRAS2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
COPB1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
PSMA1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
PDE3B	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
CYP2R1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
CALCA	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
CALCB	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
INSC	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
SOX6	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
C11orf58	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0
PLEKHA7	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
RPS13	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
PIK3C2A	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
NUCB2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
DKFZp686O241	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
KCNJ11	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
ABCC8	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
USH1C	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
MYOD1	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
KCNC1	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
SERGEF	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
TPH1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
SAAL1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
SAA3P	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
MRGPRX3	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
MRGPRX4	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
LOC494141	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
SAA4	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
SAA2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
SAA1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
HPS5	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
GTF2H1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
LDHA	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
LDHC	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
LDHAL6A	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
TSG101	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
UEVLD	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
SPTY2D1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
TMEM86A	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
IGSF22	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
PTPN5	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
MRGPRX1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0

MRGPRX2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
ZDHHC13	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
CSRP3	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
E2F8	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
NAV2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
LOC100126784	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
DBX1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
HTATIP2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
PRMT3	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
SLC6A5	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
NELL1	1	0	0	0	0	2	1	0	1	1	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
ANO5	1	0	0	0	0	2	1	0	1	1	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
SLC17A6	1	0	0	0	0	2	1	0	1	1	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
FANCF	1	0	0	0	0	2	1	0	1	1	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
GAS2	1	0	0	0	0	2	1	0	1	1	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
SVIP	1	0	0	0	0	2	1	0	1	1	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
LUZP2	1	0	0	0	0	2	1	0	1	1	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
ANO3	1	0	0	0	0	2	1	0	1	1	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
MUC15	1	0	0	0	0	2	1	0	1	1	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
SLC5A12	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
FIBIN	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
BBOX1	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
CCDC34	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
LGR4	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
LIN7C	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
BDNFOS	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
BDNF	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
KIF18A	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
METT5D1	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
KCNA4	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
FSHB	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
C11orf46	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
MPPED2	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
DCDC1	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
DNAJC24	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
IMMP1L	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
ELP4	1	0	0	0	0	2	1	0	1	0	1	0	0	0	0	1	0	2	2	0	0	0	0	0	1	0	0
PAX6	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
RCN1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
WT1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
WIT1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
EIF3M	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
CCDC73	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
PRRG4	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
QSER1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
DEPDC7	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
TCP11L1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0

LOC283267	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
CSTF3	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
HIPK3	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
C11orf41	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
CD59	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
FBXO3	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
LMO2	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
CAPRIN1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
NAT10	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
ABTB2	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
CAT	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
ELF5	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
EHF	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
APIP	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
PDHX	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
CD44	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
SLC1A2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
PAMR1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
FJX1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
TRIM44	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
LDLRAD3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
COMMD9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
FLJ14213	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
TRAF6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
RAG1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
RAG2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
C11orf74	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
LRRC4C	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	0	0	0	0
API5	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
TTC17	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
HSD17B12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
ALKBH3	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0
CD82	2	0	0	0	0	0	2	0	2	0	0	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
TSPAN18	2	0	0	0	0	0	2	0	2	0	0	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
TP53I11	2	0	0	0	0	0	2	0	2	0	0	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
LOC221122	2	0	0	0	0	0	2	0	2	0	0	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
PRDM11	2	0	0	0	0	0	2	0	2	0	0	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
SYT13	2	0	0	0	0	0	2	0	2	0	0	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
CHST1	2	0	0	0	0	0	2	2	2	0	0	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
DKFZp779M06	2	0	0	0	0	0	2	2	2	0	0	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
SLC35C1	2	0	0	0	0	0	2	2	2	0	0	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
CRY2	2	0	0	0	0	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
MAPK8IP1	2	0	0	0	0	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
LOC143678	2	0	0	0	0	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
PEX16	2	0	0	0	0	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
GYLTL1B	2	0	0	0	0	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
PHF21A	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0

CREB3L1	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
DGKZ	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
MDK	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
CHRM4	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
AMBRA1	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
HARBI1	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
KIAA0652	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
ARHGAP1	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
ZNF408	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
F2	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
CKAP5	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
SNORD67	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
LRP4	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
C11orf49	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
ARFGAP2	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
PACSIN3	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
DDB2	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
ACP2	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
NR1H3	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
MADD	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
MYBPC3	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
SPI1	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
SLC39A13	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
PSMC3	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
RAPSN	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
CUGBP1	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
PTPMT1	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
KBTBD4	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
NDUFS3	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
C1QTNF4	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	2	2	2	0	0	0	0	2	0	0
MTCH2	2	0	0	0	2	0	2	2	2	0	2	0	2	0	0	2	0	0	0	2	0	0	0	0	2	0	0
OR4B1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OR4X2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR4X1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR4S1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR4C3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
OR4C45	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
OR4A47	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
FOLH1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
LOC440040	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
OR4C13	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
OR4C12	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
LOC441601	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
LOC646813	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0
OR4A5	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0
OR4C46	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0
TRIM48	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0

OR4A16	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR4A15	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR4C15	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR4C16	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR4C11	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR4P4	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR4S2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR4C6	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR5D13	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR5D14	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR5L1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR5D18	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR5L2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR5D16	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
SPRYD5	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR5W2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR5I1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR10AG1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR5F1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR5AS1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR8I2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR8H2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR8H3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR8J3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR8K5	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR5J2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
OR5T2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR5T3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR5T1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR8H1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR8K3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR8K1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR8J1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR8U1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR8U8	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	0	2	0	0	0	0	0	0
OR5R1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR5M9	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR5M3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR5M8	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR5M11	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR5M10	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR5M1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OR5AP2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0
OR5AR1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0
OR9G9	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	0	2	0	0	0	0	0	0
OR9G1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	0	2	0	0	0	0	0	0
OR9G4	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	0	2	0	0	0	0	0	0

OR5AK2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	0	2	0	0	0	0	0	0
OR9Q1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR6Q1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR9I1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR9Q2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR1S2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR1S1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR10Q1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR10W1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR5B17	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR5B3	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR5B2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR5B12	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR5B21	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
LPXN	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
ZFP91	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
ZFP91-CNTF	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
CNTF	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
GLYAT	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
GLYATL2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
GLYATL1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
FAM111B	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
FAM111A	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
DTX4	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
MPEG1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR5AN1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR5A2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR5A1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR4D6	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR4D10	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR4D11	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR4D9	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OSBP	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
PATL1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
OR10V1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
STX3	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
MRPL16	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
GIF	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
TCN1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
PLAC1L	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
MS4A3	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
MS4A2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
MS4A6A	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
MS4A4A	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
MS4A6E	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
MS4A7	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
MS4A14	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0

MS4A5	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0
MS4A1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0
MS4A12	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0
MS4A13	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0
C11orf64	1	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	0	0
MS4A15	2	0	0	2	0	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
MS4A10	2	0	0	2	0	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
CCDC86	2	0	0	2	0	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
GPR44	2	0	0	2	0	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
ZP1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
PRPF19	2	0	0	2	0	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
TMEM109	2	0	0	2	0	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
TMEM132A	2	0	0	2	0	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SLC15A3	2	0	0	2	0	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
CD6	2	0	0	2	2	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
CD5	2	0	0	2	2	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
VPS37C	2	0	0	2	2	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
PGA3	2	0	0	2	2	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
PGA4	2	0	0	2	2	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
PGA5	2	0	0	2	2	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
VWCE	2	0	0	2	2	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
DDB1	2	0	0	2	2	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
DAK	2	0	2	2	2	1	2	0	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
CYBASC3	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
TMEM138	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
TMEM216	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
FLJ12529	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
C11orf79	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
C11orf66	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
LOC390205	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SYT7	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
RPLP0P2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
DAGLA	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
C11orf9	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
DKFZP434K028	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
C11orf10	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
FEN1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
FADS1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
FADS2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
FADS3	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
RAB3IL1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
BEST1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
FTH1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
INCENP	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SCGB1D1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SCGB2A1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SCGB1D2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0

SCGB2A2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SCGB1D4	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
ASRGL1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SCGB1A1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
AHNAK	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
EEF1G	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
TUT1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
MTA2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
EML3	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
ROM1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
B3GAT3	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
GANAB	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
INTS5	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
C11orf48	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
METTL12	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SNORA57	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
C11orf83	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
UBXN1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
LRRN4CL	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
BSCL2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
GNG3	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
HNRNPUL2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
TTC9C	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
ZBTB3	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
POLR2G	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
TAF6L	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
TMEM179B	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
TMEM223	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
NXF1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
STX5	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
WDR74	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SNHG1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SNORD22	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SNORD31	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SNORD30	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SNORD29	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SNORD28	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SNORD27	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SNORD26	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SNORD25	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SLC3A2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
CHRM1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SLC22A6	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SLC22A8	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SLC22A24	1	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SLC22A25	1	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
SLC22A10	1	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0

SLC22A9	1	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
HRASLS5	1	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
LGALS12	1	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
RARRES3	1	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
HRASLS2	1	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
PLA2G16	1	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
ATL3	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
RTN3	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
LOC65998	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
C11orf84	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
MARK2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
RCOR2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
NAT11	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
COX8A	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
OTUB1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
MACROD1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
FLRT1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
STIP1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
FERMT3	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
TRPT1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
NUDT22	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
DNAJC4	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
VEGFB	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
FKBP2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
PPP1R14B	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	1	1	1	2	2	0	1
PLCB3	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	1	1	1	2	2	0	1
BAD	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	1	1	1	2	2	0	1
GPR137	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	1	1	1	2	2	0	1
KCNK4	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	1	1	1	2	2	0	0
C11orf20	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	1	1	1	2	2	0	0
ESRRA	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
HSPC152	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
PRDX5	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
CCDC88B	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
RPS6KA4	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
SLC22A11	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
SLC22A12	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
NRXN2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
RASGRP2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
PYGM	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
SF1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
MAP4K2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
MEN1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
CDC42BPG	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
EHD1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
ATG2A	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
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BATF2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
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SAC3D1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
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CDCA5	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
ZFPL1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
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MRPL49	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
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SCYL1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
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SSSCA1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
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KCNK7	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
MAP3K11	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
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KDM2A	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
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ACY3	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
ALDH3B2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
LOC645332	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
UNC93B1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
ALDH3B1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
NDUFS8	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
TCIRG1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
CHKA	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
SUV420H1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
C11orf24	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
LRP5	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
SAPS3	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
GAL	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
MTL5	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
CPT1A	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
MRPL21	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
IGHMBP2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
MRGPRD	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
MRGPRF	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
TPCN2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
MYEOV	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
CCND1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
ORAOV1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
FGF19	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
FGF4	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
FGF3	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0

ANO1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
FADD	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
PPFIA1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
CTTN	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	1	1	2	2	0	0
SHANK2	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
DHCR7	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
NADSYN1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
KRTAP5-7	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
KRTAP5-8	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
KRTAP5-9	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
KRTAP5-10	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
KRTAP5-11	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
FAM86C	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
DEFB108B	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
RNF121	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
IL18BP	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
NUMA1	2	0	2	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
LRTOMT	2	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
C11orf59	2	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
C11orf51	2	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
FOLR3	2	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
FOLR1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
FOLR2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
INPPL1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
PHOX2A	2	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
CLPB	2	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
PDE2A	2	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
ARAP1	2	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
STARD10	2	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	2	2	0	0
ATG16L2	2	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	0	2	0	0
FCHSD2	2	0	0	2	2	1	1	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	0	2	0	0
ARRB1	2	0	0	0	2	1	2	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
FAM181B	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
PRCP	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
C11orf82	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
RAB30	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
PCF11	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
ANKRD42	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CCDC90B	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
DLG2	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
TMEM126B	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
TMEM126A	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CREBZF	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CCDC89	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
SYTL2	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CCDC83	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
PICALM	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0

EED	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
C11orf73	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CCDC81	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
ME3	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
PRSS23	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
FZD4	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
TMEM135	1	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
RAB38	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CTSC	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
GRM5	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
TYR	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
NOX4	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
PSMAL	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
TRIM77	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
UBTFL2	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
TRIM49	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
LOC642425	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
TRIM53	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
LOC729384	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
TRIM64	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
UBTFL1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
NAALAD2	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CHORDC1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
FAT3	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MTNR1B	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
SLC36A4	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CCDC67	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
C11orf75	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
KIAA1731	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
SCARNA9	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
SNORA25	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
SNORA32	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
SNORD6	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
SNORA1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
SNORA8	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
SNORD5	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
SNORA18	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
SNORA40	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
TAF1D	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
C11orf54	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MED17	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
C11orf90	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
HEPHL1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
PANX1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
FOLR4	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
GPR83	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MRE11A	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0

ANKRD49	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
FUT4	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
PIWIL4	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
AMOTL1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CWC15	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
KDM4D	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
SFRS2B	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
ENDOD1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
SESN3	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
FAM76B	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CEP57	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MTMR2	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MAML2	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CCDC82	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
JRKL	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CNTN5	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
FLJ32810	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
TMEM133	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
PGR	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
TRPC6	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
ANGPTL5	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
KIAA1377	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
C11orf70	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
YAP1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
BIRC3	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
BIRC2	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
TMEM123	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MMP7	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MMP20	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MMP27	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MMP8	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MMP10	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MMP1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MMP3	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MMP12	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
MMP13	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
DCUN1D5	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
DYNC2H1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
PDGFD	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
DDI1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CASP12	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CASP4	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CASP5	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CASP1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CARD16	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CARD17	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CARD18	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0

GRIA4	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
KIAA1826	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
KBTBD3	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
AASDHPPT	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
GUCY1A2	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0
CWF19L2	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	1	2	0	0	0	0	0	1	0	0
ALKBH8	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	1	2	0	0	0	0	0	1	0	0
ELMOD1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0	1	0	1	2	0	0	0	0	0	1	0	0
LOC643923	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0	1	0	1	2	0	0	0	0	0	1	0	0
SLN	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	0	1	2	0	0	0	0	0	1	0	0
SLC35F2	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	0	1	2	0	0	0	0	0	1	0	0
RAB39	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	0	1	2	0	0	0	0	0	1	0	0
CUL5	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	1	0	0
ACAT1	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	1	0	0
NPAT	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	1	0	0
ATM	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	1	0	0
C11orf65	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	1	0	0
KDELC2	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	1	0	0
EXPH5	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	1	0	0
DDX10	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	1	0	0
C11orf87	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	1	0	0
ZC3H12C	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	1	0	0
RDX	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	1	0	0
FDX1	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	1	0	0
ARHGAP20	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	0	0	1	0	0
PHLDB1	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
TREH	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
DDX6	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
CXCR5	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
BCL9L	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
UPK2	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
FOXR1	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
CCDC84	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
RPL23AP64	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
RPS25	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
TRAPPC4	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
SLC37A4	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
HYOU1	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
VPS11	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
HMBS	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
H2AFX	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
DPAGT1	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
C2CD2L	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
HINFP	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ABCG4	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
NLRX1	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
PDZD3	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0

CCDC153	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
CBL	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
MCAM	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
RNF26	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
C1QTNF5	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
MFRP	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
USP2	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
THY1	2	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
PVRL1	2	0	0	0	0	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
TRIM29	2	0	0	0	0	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
OAF	2	0	0	0	0	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
TBCEL	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
TECTA	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
SC5DL	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
SORL1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
LOC399959	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
BLID	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
UBASH3B	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
CRTAM	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
C11orf63	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
BSX	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
LOC341056	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
HSPA8	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
LOC85391	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
LOC85390	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
LOC85389	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
ASAM	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
GRAMD1B	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
SCN3B	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
ZNF202	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
OR6X1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR6M1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
TMEM225	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR8D4	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR4D5	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR6T1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR10S1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR10G4	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR10G9	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR10G8	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR10G7	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
VWA5A	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR8G2	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR8G1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR8G5	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR8D1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR8D2	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0

OR8B2	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR8B3	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR8B4	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR8B8	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR8B12	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
OR8A1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	2	2	2	0	0	1	2	2	0	0
PANX3	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
TBRG1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
SIAE	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
SPA17	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
NRGN	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
VSIG2	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ESAM	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
C11orf61	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ROBO3	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ROBO4	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
HEPN1	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
HEPACAM	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
CCDC15	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
SLC37A2	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
TMEM218	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
PKNOX2	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
FEZ1	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
EI24	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
STT3A	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
CHEK1	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ACRV1	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
PATE1	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
PATE2	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
PATE3	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
PATE4	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
HYLS1	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
PUS3	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
DDX25	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
CDON	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
RPUSD4	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
FAM118B	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
SRPR	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
FOXRED1	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
TIRAP	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
DCPS	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ST3GAL4	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
KIRREL3	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ETS1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
FLI1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
KCNJ1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
KCNJ5	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0

C11orf45	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
TP53AIP1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
RICS	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
BARX2	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
TMEM45B	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
NFRKB	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
PRDM10	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
NCRNA00167	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
APLP2	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ST14	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ZBTB44	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ADAMTS8	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ADAMTS15	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
SNX19	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
NTM	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
OPCML	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
SPATA19	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
IQSEC3	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	0	0	2	0	0	0	0	0	0	0	2	0
SLC6A12	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	0	0	2	0	0	0	0	0	0	0	2	0
SLC6A13	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	0	0	2	0	0	0	0	0	0	0	2	0
KDM5A	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	0	0	2	0	0	0	0	0	0	0	2	0
CCDC77	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	0	0	2	0	0	0	0	0	0	0	2	0
B4GALNT3	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	0	0	2	0	0	0	0	0	0	0	2	0
NINJ2	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	0	0	2	0	0	0	0	0	0	0	2	0
WNK1	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	0	0	2	0	0	0	0	0	0	0	2	0
HSN2	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	0	0	2	0	0	0	0	0	0	0	2	0
RAD52	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	0	2	2	0	0	0	0	0	0	0	2	0
ERC1	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	0	2	2	0	0	0	0	0	0	2	2	0
FBXL14	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	0	2	2	0	0	0	0	0	0	2	2	0
WNT5B	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	0	2	2	0	0	0	0	0	0	2	2	0
ADIPOR2	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	0	2	2	0	0	0	0	0	0	2	2	0
CACNA2D4	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
LRTM2	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	0	0	0	0	2	2	0
DCP1B	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
CACNA1C	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
FKBP4	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
ITFG2	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
NRIP2	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
FOXM1	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
C12orf32	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
TULP3	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
TEAD4	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
TSPAN9	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
PRMT8	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
EFCAB4B	2	0	2	0	0	0	2	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
PARP11	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
CCND2	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0

C12orf5	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
FGF23	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
FGF6	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
C12orf4	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
RAD51AP1	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
DYRK4	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
AKAP3	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
NDUFA9	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
GALNT8	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
KCNA6	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
KCNA1	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
KCNA5	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
NTF3	2	0	2	0	0	0	0	0	0	0	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
ANO2	2	0	2	0	2	0	0	0	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
VWF	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
CD9	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
PLEKHG6	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
TNFRSF1A	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
SCNN1A	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
LTBR	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
SRP14P1	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
LOC678655	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
CD27	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
TAPBPL	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
VAMP1	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
MRPL51	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
NCAPD2	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
SCARNA10	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
GAPDH	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
IFFO1	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
NOP2	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
CHD4	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
SCARNA11	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
LPAR5	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
ACRBP	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
ING4	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
ZNF384	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
C12orf53	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
COPS7A	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
MLF2	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
PTMS	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
LAG3	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
CD4	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
GPR162	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
LEPREL2	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
GNB3	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
CDCA3	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0

USP5	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
TPI1	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
SPSB2	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
RPL13P5	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
LRRC23	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
ENO2	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
ATN1	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
C12orf57	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
PTPN6	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
PHB2	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
SCARNA12	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
EMG1	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	0	2	2	0
LPCAT3	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	0	0	0	2	2	0
C1S	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	0	0	0	2	2	0
C1R	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	0	0	0	2	2	0
C1RL	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	0	0	0	2	2	0
LOC283314	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	0	0	0	2	2	0
RBP5	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	0	0	0	2	2	0
CLSTN3	2	0	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	0	0	0	2	2	0
PEX5	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	2	0	0	0	0	2	2	0
ACSM4	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	2	0	0	0	0	2	2	0
CD163L1	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	2	0	0	0	0	2	2	0
CD163	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	2	0	0	0	0	2	2	0
APOBEC1	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	2	0	0	0	0	2	2	0
GDF3	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	2	0	0	0	0	2	2	0
DPPA3	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	2	0	0	0	0	2	2	0
CLEC4C	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	2	0	0	0	0	2	2	0
LOC360030	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	2	0	0	0	0	2	2	0
NANOG	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	2	0	0	0	0	2	2	0
SLC2A14	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	2	0	0	0	0	2	2	0
SLC2A3	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	2	0	0	0	0	2	2	0
FOXJ2	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	0	0	0	0	0	2	2	0
C3AR1	2	0	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0	0	0	0	0	0	2	2	0
NECAP1	2	0	2	0	2	0	0	2	2	2	2	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
CLEC4A	2	0	2	0	2	0	0	2	2	2	2	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
ZNF705A	2	0	2	0	2	0	0	2	2	0	2	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
FAM66C	2	0	2	0	2	0	0	2	2	0	2	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
FAM90A1	2	0	2	0	2	0	0	2	2	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
LOC653113	2	0	2	0	2	0	0	2	2	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
LOC389634	2	0	2	0	2	0	0	2	2	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
CLEC6A	2	0	2	0	2	0	1	2	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
CLEC4D	2	0	2	0	2	0	1	2	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
CLEC4E	2	0	2	0	2	0	1	2	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
AICDA	2	0	2	0	2	0	1	2	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
MFAP5	2	0	2	0	2	0	1	2	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
RIMKLB	2	0	2	0	2	0	1	2	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
A2ML1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0

PHC1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
M6PR	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
KLRG1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
LOC144571	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
A2M	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
PZP	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
LOC642846	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
DDX12	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
KLRB1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
LOC374443	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CLEC2D	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CLECL1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CD69	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
KLRF1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CLEC2B	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CLEC2A	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CLEC12A	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CLEC1B	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CLEC12B	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CLEC9A	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CLEC1A	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CLEC7A	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
OLR1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
C12orf59	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
GABARAPL1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
KLRD1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
KLRK1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
KLRC4	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
KLRC3	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
KLRC2	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
KLRC1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
KLRA1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
MAGOHB	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
STYK1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CSDA	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TAS2R7	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TAS2R8	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TAS2R9	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TAS2R10	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PRR4	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PRH1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TAS2R13	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PRH2	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TAS2R14	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TAS2R50	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TAS2R20	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TAS2R19	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0

TAS2R31	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TAS2R46	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
TAS2R43	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
TAS2R30	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
TAS2R42	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
PRB3	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
PRB4	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
PRB1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
PRB2	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
ETV6	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
BCL2L14	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
LRP6	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
MANSC1	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
LOH12CR2	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
LOH12CR1	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
DUSP16	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
CREBL2	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
GPR19	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
CDKN1B	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
APOLD1	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
DDX47	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
RPL13AP20	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
GPRC5A	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
GPRC5D	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
HEBP1	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
HTR7P	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
KIAA1467	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
GSG1	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
EMP1	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
C12orf36	2	0	2	0	2	0	2	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
GRIN2B	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	1	2	0
ATF7IP	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PLBD1	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
GUCY2C	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
HIST4H4	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
H2AFJ	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
WBP11	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
C12orf60	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
C12orf69	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ART4	2	0	2	0	2	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
MGP	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ERP27	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ARHGDIB	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PDE6H	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
RERG	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
BCAT1	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
DAD1L	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0

LOC196415	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
LRMP	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CASC1	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
LYRM5	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
KRAS	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
IFLTD1	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
RASSF8	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
BHLHE41	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SSPN	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ITPR2	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
C12orf11	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
FGFR1OP2	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TM7SF3	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
MED21	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
C12orf71	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
STK38L	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ARNTL2	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
C12orf70	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PPFIBP1	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
REP15	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
MRPS35	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
LOC100133893	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
KLHDC5	2	0	2	0	0	0	2	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PTHLH	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CCDC91	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
FAR2	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ERGIC2	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
OVCH1	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TMTC1	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
IPO8	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
CAPRIN2	2	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
TSPAN11	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
DDX11	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
FAM60A	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
FLJ13224	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
DENND5B	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
C12orf72	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
AMN1	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
LOC440093	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
C12orf35	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
BICD1	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
FGD4	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
DNM1L	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
YARS2	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
PKP2	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
ALG10B	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	1	2	0
CPNE8	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	0	0	0	0	0	0	0	1	2	0

KIF21A	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ABCD2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
C12orf40	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SLC2A13	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
LRRK2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CNTN1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PDZRN4	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
GLT8D3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
YAF2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ZCRB1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PPHLN1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PRICKLE1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ADAMTS20	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PUS7L	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
IRAK4	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TWF1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
TMEM117	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
NELL2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
DBX2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
RACGAP1P	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PLEKHA9	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ANO6	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ARID2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SFRS2IP	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SLC38A1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SLC38A2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	0	2	0
SLC38A4	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	2	2	0
AMIGO2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	2	2	0
LOC100233209	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	2	0	0	0	2	2	0
FAM113B	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	2	0	0	0	2	2	0
RPAP3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	2	0	0	0	2	2	0
ADCY6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
CACNB3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
DDX23	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RND1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
CCDC65	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
FKBP11	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ARF3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
WNT10B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
WNT1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
DDN	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PRKAG1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
MLL2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RHEBL1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
DHH	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
LMBR1L	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TUBA1B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0

TUBA1A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TUBA1C	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PRPH	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TROAP	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
C1QL4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
DNAJC22	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SPATS2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
KCNH3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
MCRS1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
FAM186B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PRPF40B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
FMNL3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TMBIM6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
KIAA1602	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
BCDIN3D	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
FAIM2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
LOC283332	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
AQP2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
AQP5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
AQP6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RACGAP1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ACCN2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SMARCD1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
GPD1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
C12orf62	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
LASS5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
LIMA1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
FAM186A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
LARP4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
DIP2B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ATF1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
TMPRSS12	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
METTL7A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
HIGD1C	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
SLC11A2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
LETMD1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
CSRNP2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
TFCP2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
POU6F1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
DAZAP2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
SMAGP	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
LOC57228	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
BIN2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ELA1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
GALNT6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
SLC4A8	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
SCN8A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0

FIGNL2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ANKRD33	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ACVRL1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ACVR1B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
GRASP	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
NR4A1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
C12orf44	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT80	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
LOC283404	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT81	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT86	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT83	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT85	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT84	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT82	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT75	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT6B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT6C	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT6A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT71	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT74	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT72	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT73	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT77	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT76	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT79	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT78	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT8	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KRT18	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
EIF4B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
TENC1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
SPRYD3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
IGFBP6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
SOAT2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
CSAD	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ZNF740	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ITGB7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
RARG	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
MFSD5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ESPL1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
PFDN5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0

C12orf10	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
AAAS	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
SP7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
SP1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
AMHR2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
PRR13	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
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MAP3K12	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
TARBP2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
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ATF7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ATP5G2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
CALCOCO1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
HOXC13	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
HOXC12	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
HOTAIR	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
HOXC11	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
HOXC10	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
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HOXC8	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
HOXC4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
HOXC6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
HOXC5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
FLJ12825	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
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SMUG1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
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GPR84	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	1	2	0	2	2	1	0	2	0	2	0
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ITGA5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	1	2	0	2	2	1	0	2	0	2	0
GTSF1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
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PDE1B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
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GLYCAM1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
LACRT	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
DCD	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
MUCL1	1	0	2	2	2	0	1	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
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NEUROD4	1	0	2	2	2	0	1	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
OR9K2	1	0	2	2	2	0	1	2	2	2	2	2	2	0	0	1	2	2	0	2	2	0	0	2	0	2	0

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OR6C75	1	0	2	2	2	0	1	2	2	2	2	2	2	0	0	1	2	2	0	2	2	0	0	2	0	2	0
OR6C65	1	0	2	2	2	0	1	2	2	2	2	2	2	0	0	1	2	2	0	2	2	0	0	2	0	2	0
OR6C76	1	0	2	2	2	0	1	2	2	2	2	2	2	0	0	1	2	2	0	2	2	0	0	2	0	2	0
OR6C2	1	0	2	2	2	0	1	2	2	2	2	2	2	0	0	1	2	2	0	2	2	0	0	2	0	2	0
OR6C70	1	0	2	2	2	0	1	2	2	2	2	2	2	0	0	1	2	2	0	2	2	0	0	2	0	2	0
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DGKA	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SILV	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
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IKZF4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
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RPL41	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ZC3H10	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
FAM62A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
MYL6B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
MYL6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SMARCC2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RNF41	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
OBFC2B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SLC39A5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ANKRD52	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
COQ10A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
CS	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
CNPY2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PAN2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0

IL23A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
STAT2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
APOF	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TIMELESS	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
MIP	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SPRYD4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
GLS2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RBMS2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
BAZ2A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ATP5B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SNORD59B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SNORD59A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PTGES3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
NACA	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PRIM1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
HSD17B6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SDR9C7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RDH16	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
GPR182	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ZBTB39	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TAC3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
MYO1A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TMEM194A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
NAB2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
STAT6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
LRP1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0	2	2	1	0	2	2	2	0
NXPH4	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0	2	2	1	0	2	2	2	0
SHMT2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0	2	2	1	0	2	2	2	0
NDUFA4L2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0	2	2	1	0	2	2	2	0
STAC3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
R3HDM2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
INHBC	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
INHBE	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
GLI1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ARHGAP9	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
MARS	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
DDIT3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
MBD6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
DCTN2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
KIF5A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PIP4K2C	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
DTX3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
GEFT	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SLC26A10	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
B4GALNT1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
OS9	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
AGAP2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0

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TSPAN31	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
CDK4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
9-Mar	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
CYP27B1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
METTL1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
FAM119B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TSFM	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
AVIL	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
CTDSP2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
XRCC6BP1	1	0	2	2	2	0	2	2	2	2	2	2	0	0	0	0	2	2	0	2	0	0	0	0	2	2	0
LRIG3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	0	2	0
SLC16A7	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	0	2	0
FAM19A2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	0	2	0
USP15	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	0	2	0
MON2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	0	2	0
C12orf61	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
PPM1H	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
AVPR1A	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
DPY19L2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
TMEM5	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
SRGAP1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
C12orf66	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
C12orf56	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
XPOT	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
TBK1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
RASSF3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
GNS	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
WIF1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
LEMD3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
MSRB3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
RPSAP52	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
HMGA2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
LLPH	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
TMBIM4	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
IRAK3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
HELB	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
GRIP1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
CAND1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
DYRK2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
IFNG	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
IL26	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
IL22	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
MDM1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
RAP1B	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
RAP1BL	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
NUP107	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0

SLC35E3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
MDM2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
CPM	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	2	2	0
CPSF6	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
LYZ	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
YEATS4	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
FRS2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
CCT2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
LRRC10	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
BEST3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
RAB3IP	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
CNOT2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
KCNMB4	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
PTPRB	1	0	2	0	0	0	1	0	1	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
PTPRR	1	0	2	0	0	0	1	0	1	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
TSPAN8	1	0	2	0	0	0	1	0	1	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
LGR5	1	0	2	1	0	0	1	0	1	1	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
ZFC3H1	1	0	2	1	0	0	1	0	1	1	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
THAP2	1	0	2	1	0	0	1	0	1	1	0	2	0	0	0	1	2	2	0	0	0	0	0	1	2	2	0
TMEM19	1	0	2	1	0	0	1	0	1	1	0	2	0	0	0	1	2	2	0	0	0	0	0	1	0	2	0
RAB21	1	0	2	1	0	0	1	0	1	1	1	2	0	0	0	1	2	2	0	0	0	0	0	1	0	2	0
TBC1D15	1	0	2	1	0	0	1	0	1	1	1	2	0	0	0	1	2	2	0	0	0	0	0	1	0	2	0
MRS2P2	1	0	2	1	0	0	1	0	1	1	1	2	0	0	0	1	2	2	0	0	0	0	0	1	0	2	0
TPH2	1	0	2	1	0	0	1	0	1	1	1	2	0	0	0	1	2	2	0	0	0	0	0	1	0	2	0
LOC283392	1	0	2	1	0	0	1	0	1	1	1	2	0	0	0	1	2	2	0	0	0	0	0	1	0	2	0
TRHDE	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	0	2	0
LOC552889	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
KCNC2	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
CAPS2	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
GLIPR1L1	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
GLIPR1L2	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
GLIPR1	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
KRR1	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
PHLDA1	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
NAP1L1	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
BBS10	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
OSBPL8	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
ZDHHC17	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
CSRP2	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
E2F7	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
NAV3	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
SYT1	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
PAWR	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
PPP1R12A	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
PTPRQ	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
MYF6	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
MYF5	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0

LIN7A	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
ACSS3	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
PPFIA2	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
CCDC59	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
C12orf26	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
TMTC2	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
SLC6A15	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
TSPAN19	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
LRRIQ1	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
ALX1	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
RASSF9	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
NTS	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
MGAT4C	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
C12orf50	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
C12orf29	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
CEP290	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
TMTC3	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
KITLG	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
DUSP6	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
WDR51B	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
GALNT4	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
ATP2B1	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
C12orf12	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
EPYC	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
KERA	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
LUM	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
DCN	1	0	2	1	0	0	1	0	1	1	1	2	0	1	0	1	2	2	0	0	0	0	0	1	1	2	0
BTG1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
CLLU1OS	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
CLLU1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
C12orf74	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
PLEKHG7	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
EEA1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
NUDT4	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
NUDT4P1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
UBE2N	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
MRPL42	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
SOCS2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
CRADD	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
PLXNC1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
CCDC41	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
LOC144486	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
TMCC3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
NDUFA12	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
NR2C1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
FGD6	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
VEZT	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0

METAP2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
USP44	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
NTN4	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
SNRPF	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
CCDC38	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
AMDHD1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
HAL	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
LTA4H	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
ELK3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	1	1	2	0
PCTK2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	1	2	0
C12orf63	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	1	2	0
NEDD1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	1	2	0
RMST	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	1	2	0
LOC100128191	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	1	2	0
TMPO	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	1	2	0
SLC25A3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	1	2	0
SNORA53	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	1	2	0
IKIP	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	1	2	0
APAF1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	1	2	0
ANKS1B	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	1	1	2	0
FAM71C	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
UHRF1BP1L	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
GOLGA2L1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ACTR6	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0

GOLGA2L1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ACTR6	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
DEPDC4	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SCYL2	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SLC17A8	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
NR1H4	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
GAS2L3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ANO4	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SLC5A8	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
UTP20	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ARL1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SPIC	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
MYBPC1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CHPT1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SYCP3	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
GNPTAB	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
DRAM	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CCDC53	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
NUP37	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
C12orf48	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PMCH	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
IGF1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	2	2	0	0	0	1	2	0
PAH	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	1	2	0
ASCL1	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	1	2	0
C12orf42	1	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	1	2	0

STAB2	1	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	1	2	0
TMEM119	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
SELPLG	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
CORO1C	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
SSH1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
DAO	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
SVOP	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
USP30	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ALKBH2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
UNG	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ACACB	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
FOXN4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
MYO1H	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
KCTD10	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
UBE3B	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
MMAB	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
MVK	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
MGC14436	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
C12orf34	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
TRPV4	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
GLTP	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
TCHP	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
GIT2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ANKRD13A	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
C12orf76	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
IFT81	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ATP2A2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ANAPC7	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ARPC3	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
GPN3	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
C12orf24	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
VPS29	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
RAD9B	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
PPTC7	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
TCTN1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
HVCN1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
PPP1CC	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
CCDC63	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
MYL2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
CUX2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
FAM109A	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SH2B3	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ATXN2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
BRAP	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ACAD10	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ALDH2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
C12orf47	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0

MAPKAPK5	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TMEM116	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ERP29	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
C12orf30	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TRAFD1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
C12orf51	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RPL6	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PTPN11	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RPH3A	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
OAS1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
OAS3	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
OAS2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
DTX1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RASAL1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
LOC387885	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
DDX54	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
C12orf52	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
IQCD	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TPCN1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SLC24A6	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PLBD2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SDS	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SDSL	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
LHX5	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RBM19	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TBX5	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TBX3	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
MED13L	1	0	2	2	2	2	2	2	2	2	2	2	2	0	0	1	2	2	0	2	2	0	0	2	2	2	0
FLJ42957	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
NCRNA00173	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
MAP1LC3B2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
C12orf49	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RNFT2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
HRK	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
FBXW8	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TESC	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
FBXO21	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
NOS1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
KSR2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RFC5	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
WSB2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
FLJ20674	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PEBP1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TAOK3	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SUDS3	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
KIAA1853	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
HSPB8	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0

LOC144742	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
CCDC60	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
LOC387890	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PRKAB1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
CIT	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
CCDC64	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RAB35	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
GCN1L1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RPLP0	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PXN	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
NME2P1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SIRT4	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PLA2G1B	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
MSI1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
COX6A1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TRIAP1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
GATC	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SFRS9	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
DYNLL1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
COQ5	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RNF10	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
POP5	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
CABP1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
MLEC	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
UNC119B	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ACADS	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SPPL3	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
C12orf27	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
HNF1A	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
C12orf43	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
OASL	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
P2RX7	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
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CAMKK2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ANAPC5	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
RNF34	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
KDM2B	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ORAI1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
MORN3	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
TMEM120B	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
RHOF	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
LOC338799	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
SETD1B	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
HPD	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
PSMD9	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
WDR66	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
BCL7A	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0

MLXIP	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
LRRC43	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
IL31	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
B3GNT4	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
DIABLO	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
VPS33A	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
CLIP1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
ZCCHC8	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
RSRC2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
KNTC1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
NIACR1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
NIACR2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
GPR81	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
DENR	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
CCDC62	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
HIP1R	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
VPS37B	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
ABCB9	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
OGFOD2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
ARL6IP4	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
PITPNM2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
MPHOSPH9	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
C12orf65	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
CDK2AP1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
SBNO1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
SETD8	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
RILPL2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
SNRNP35	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
RILPL1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
TMED2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
DDX55	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
EIF2B1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
GTF2H3	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
TCTN2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
ATP6V0A2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
DNAH10	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
CCDC92	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
ZNF664	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
FAM101A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
NCOR2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
SCARB1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
UBC	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
DHX37	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
BRI3BP	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
AACS	2	0	2	2	2	0	2	2	0	2	0	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
MMP17	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	0	0
ULK1	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	0	0

PUS1	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	0	0
EP400	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	0	0
SNORA49	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	0	0
EP400NL	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	0	0
DDX51	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	0	0
NOC4L	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	0	0
GALNT9	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	0	0
LOC100130238	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	0	0
FBRSL1	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	0	0
P2RX2	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	0	0
POLE	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	0	0	0	0	0	0
PXMP2	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	0	0	0	0	0	0
PGAM5	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	0	0	0	0	0	0
ANKLE2	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	0	0	0	0	0	0
GOLGA3	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	0	0	0	0	0	0
CHFR	2	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	0	2	0	2	0	0	0	0	0	0	0
LOC348021	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2	2	2	0	0	2	2
DKFZp686A162	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	0	0	0	2	2	2	0	0	2	2
TUBA3C	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	0	0	0	2	2	2	0	0	2	2
LOC100101938	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	0	0	0	2	2	2	1	0	2	2
TPTE2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	0	0	0	2	2	2	1	0	2	2
MPHOSPH8	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	0	0	0	2	2	2	1	0	2	2
PSPC1	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	0	0	0	2	2	2	1	0	2	2
ZMYM5	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	0	0	0	2	2	2	1	0	2	2
ZMYM2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	0	0	0	2	2	2	1	0	2	2
GJA3	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
GJB2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
GJB6	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
CRYL1	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
IFT88	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
IL17D	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
N6AMT2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
XPO4	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
LATS2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SAP18	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
C13orf3	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
MRP63	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
ZDHHC20	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
EFHA1	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
FGF9	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SGCG	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SACS	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
TNFRSF19	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
MIPEP	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
PCOTH	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
RP11-45B20.2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SPATA13	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2

C1QTNF9	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
PARP4	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
LOC374491	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
ATP12A	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
RNF17	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
CENPJ	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
LOC646405	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
PABPC3	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
FAM123A	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
MTMR6	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
NUPL1	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
ATP8A2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SHISA2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
RNF6	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
CDK8	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
WASF3	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
GPR12	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
USP12	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
RPL21	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
RPL21P28	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
SNORD102	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
SNORA27	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
RASL11A	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
GTF3A	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
MTIF3	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
LNX2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
POLR1D	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
GSX1	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
PDX1	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
ATP5EP2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
CDX2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
PRHOXNB	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
FLT3	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
PAN3	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	2	0	2	2	2	1	0	2	2
FLT1	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
POMP	2	0	2	0	2	0	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SLC46A3	2	0	2	0	2	0	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
KIAA0774	2	0	2	0	2	0	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SLC7A1	2	0	2	0	2	0	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
UBL3	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
KATNAL1	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
LOC100188949	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
HMGB1	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
USPL1	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
ALOX5AP	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
C13orf33	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
C13orf26	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2

HSPH1	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
B3GALTL	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
RXFP2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
EEF1DP3	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
FRY	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
LOC646799	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
BRCA2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
N4BP2L1	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
N4BP2L2	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
CG030	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
PDS5B	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
KL	2	0	2	0	2	2	0	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
STARD13	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
RFC3	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
NBEA	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
MAB21L1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
DCLK1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
SOHLH2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
C13orf38	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
SPG20	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
CCNA1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
C13orf36	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
RFXAP	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
SMAD9	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
ALG5	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
EXOSC8	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
FAM48A	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
CSNK1A1L	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
POSTN	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
TRPC4	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
UFM1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
FREM2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
STOML3	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
C13orf23	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
NHLRC3	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
LHFP	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
COG6	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	1	2	2	0	0	2	2	2	1	0	2	2
LOC646982	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
FOXO1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
MRPS31	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SLC25A15	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SUGT1L1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
ELF1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
WBP4	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
KBTBD6	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
KBTBD7	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
MTRF1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2

NARG1L	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
OR7E37P	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
C13orf15	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
KIAA0564	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
DGKH	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
AKAP11	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
TNFSF11	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
C13orf30	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
EPSTI1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
DNAJC15	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
ENOX1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
CCDC122	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
C13orf31	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
LOC121838	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SERP2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
TSC22D1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
NUFIP1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
KIAA1704	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
GTF2F2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
KCTD4	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
TPT1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SNORA31	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
LOC100190939	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SLC25A30	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
COG3	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
FLJ32682	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SPERT	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SIAH3	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
ZC3H13	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
CPB2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
LCP1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
C13orf18	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
LRCH1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
ESD	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
HTR2A	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SUCLA2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
NUDT15	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
MED4	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
ITM2B	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
RB1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
P2RY5	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
RCBTB2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
CYSLTR2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
FNDC3A	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
MLNR	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
CDADC1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
CAB39L	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2

SETDB2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
PHF11	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
RCBTB1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
ARL11	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
EBPL	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
KPNA3	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
LOC220429	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
C13orf1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
DLEU2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
TRIM13	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
KCNRG	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
DLEU1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
FAM10A4	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
DLEU7	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
RNASEH2B	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
GUCY1B2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
FAM124A	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SERPINE3	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
INTS6	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
WDFY2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
DHRS12	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
FLJ37307	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
CCDC70	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
ATP7B	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
ALG11	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
UTP14C	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
NEK5	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
NEK3	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
THSD1P	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
THSD1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
VPS36	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
CKAP2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
LOC220115	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
HNRNPA1L2	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
SUGT1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
LECT1	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
PCDH8	2	0	2	0	2	2	1	0	0	0	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
OLFM4	2	0	2	1	2	2	1	0	1	1	2	0	0	0	2	0	2	2	0	0	2	2	2	1	0	2	2
IPO5	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
FARP1	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
RNF113B	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
STK24	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
SLC15A1	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
DOCK9	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
UBAC2	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
GPR18	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
GPR183	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2

FKSG29	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
TM9SF2	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
CLYBL	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
ZIC5	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
ZIC2	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
PCCA	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
A2LD1	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
TMTC4	2	0	2	1	2	2	1	0	1	2	2	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
COL4A1	2	0	2	1	2	2	0	0	0	0	0	0	0	0	2	2	2	2	0	0	2	2	2	2	2	2	2
COL4A2	2	0	2	1	2	2	0	0	0	0	0	0	0	0	2	2	2	2	0	0	2	2	2	2	2	2	2
RAB20	2	0	2	1	2	2	0	0	0	0	0	0	0	0	2	2	2	2	0	0	2	2	2	2	2	2	2
CARKD	2	0	2	1	2	2	0	0	0	0	0	0	0	0	2	2	2	2	0	0	2	2	2	2	2	2	2
CARS2	2	0	2	1	2	2	0	0	0	0	0	0	0	0	2	2	2	2	0	0	2	2	2	2	2	2	2
ING1	2	0	2	1	2	2	0	0	0	0	0	0	0	0	2	2	2	2	0	0	2	2	2	2	2	2	2
ANKRD10	2	0	2	1	2	2	0	0	0	0	0	0	0	0	2	2	2	2	0	0	2	2	2	2	2	2	2
ARHGEF7	2	0	2	1	2	2	0	0	0	0	0	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
C13orf16	2	0	2	1	2	2	0	0	0	0	0	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
SOX1	2	0	2	1	2	2	0	0	0	0	0	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
C13orf28	2	0	2	1	2	2	0	0	0	0	0	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
TUBGCP3	2	0	2	1	2	2	0	0	0	0	0	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
C13orf35	2	0	2	1	2	2	0	0	0	0	0	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
ATP11A	2	0	2	1	2	2	2	0	0	0	0	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
MCF2L	2	0	2	1	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
F7	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
F10	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
PROZ	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
PCID2	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
CUL4A	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
LAMP1	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
GRTP1	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
ADPRHL1	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
DCUN1D2	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
TMCO3	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
TFDP1	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
ATP4B	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	2	2	2	2	2	2
GRK1	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	0	2	2	2	2	2
FLJ44054	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	0	2	2	2	2	2
GAS6	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	0	2	2	2	2	2
FAM70B	2	0	2	0	2	2	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	0	2	2	2	2	2
RASA3	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	2	2	2	0	0	2	0	2	2	2	2	2
CDC16	2	0	2	0	2	0	0	0	0	0	0	0	2	1	0	0	0	2	0	0	2	0	2	0	0	2	2
UPF3A	2	0	0	0	2	0	0	0	0	0	0	0	2	1	0	0	0	2	0	0	2	0	2	0	0	2	2
ZNF828	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2	0	2	0	0	2	2
OR4Q3	1	2	0	0	1	0	0	1	1	2	0	2	0	0	1	1	0	0	2	0	1	1	0	0	0	0	0
OR4M1	1	2	0	0	1	0	0	1	1	2	0	2	0	0	1	1	0	0	2	0	1	1	0	0	0	0	0
OR4N2	1	2	0	0	1	0	0	1	1	2	0	2	0	0	1	1	0	0	2	0	1	1	0	0	0	0	0
OR4K2	1	2	0	0	1	0	0	1	1	2	0	2	0	0	1	1	0	0	2	0	1	1	0	0	0	0	0

OR4K5	1	2	0	0	1	0	0	1	1	2	0	2	0	0	1	1	0	0	2	0	1	1	0	0	0	0	0
OR4K1	1	2	0	0	1	0	0	1	1	2	0	2	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0
DAD1	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
ABHD4	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
OXA1L	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
SLC7A7	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
MRPL52	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
MMP14	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
LRP10	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
REM2	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
RBM23	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
PRMT5	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
HAUS4	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
JUB	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
C14orf93	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
PSMB5	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
PSMB11	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
CDH24	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
ACIN1	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
C14orf119	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
CEBPE	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
SLC7A8	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
HOMEZ	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
PPP1R3E	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
BCL2L2	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
PABPN1	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
SLC22A17	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
EFS	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
IL25	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
CMTM5	2	2	0	0	2	0	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
MYH6	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
MYH7	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
NGDN	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
THTPA	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
AP1G2	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
JPH4	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
DHRS2	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
C14orf165	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
C14orf167	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
DHRS4	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
DHRS4L2	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
DHRS4L1	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
LRRC16B	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
CPNE6	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
NRL	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
PCK2	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
WDR23	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0

FIT1	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
PSME1	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
FAM158A	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
PSME2	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
RNF31	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
IRF9	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
REC8	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
IPO4	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
TM9SF1	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
TSSK4	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
CHMP4A	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
MDP-1	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
NEDD8	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
GMPR2	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
TINF2	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
TGM1	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
RABGGTA	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
DHRS1	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
C14orf21	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
CIDEB	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
LTB4R2	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
LTB4R	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
ADCY4	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
RIPK3	2	2	0	0	2	1	2	1	2	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
NFATC4	2	2	0	0	2	1	2	1	0	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
KIAA1305	2	2	0	0	2	1	2	1	0	2	0	2	2	0	1	2	0	0	0	2	1	0	1	0	2	0	0
CMA1	1	2	0	0	2	1	0	1	0	0	0	0	2	0	1	0	0	0	0	2	1	0	1	0	2	0	0
CTSG	1	2	0	0	2	1	0	1	0	0	0	0	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
GZMH	1	2	0	0	2	1	0	1	0	0	0	0	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
GZMB	1	2	0	0	2	1	0	1	0	0	0	0	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
STXBP6	1	2	0	0	2	1	0	1	0	1	1	0	2	0	1	1	0	0	1	2	1	0	1	0	1	0	1
NOVA1	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
FOXG1	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
C14orf23	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
PRKD1	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
G2E3	1	2	0	0	2	1	1	1	1	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
SCFD1	1	2	0	0	2	1	1	1	1	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
COCH	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
STRN3	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
AP4S1	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
HECTD1	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
HEATR5A	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
C14orf126	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
NUBPL	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
C14orf128	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
ARHGAP5	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
AKAP6	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1

NPAS3	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
EGLN3	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
C14orf147	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
EAPP	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
SNX6	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
CFL2	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
BAZ1A	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
C14orf19	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
SRP54	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
FAM177A1	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
PPP2R3C	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
KIAA0391	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
PSMA6	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
NFKBIA	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
INSM2	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
GARNL1	1	2	0	0	2	1	1	1	0	0	2	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
BRMS1L	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
MBIP	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
SFTA3	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
NKX2-1	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
NKX2-8	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
PAX9	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
SLC25A21	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
MIPOL1	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
FOXA1	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
SSTR1	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
CLEC14A	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
SEC23A	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
SIP1	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
TRAPPC6B	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
PNN	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
MIA2	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
CTAGE5	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
FBXO33	1	2	0	0	2	1	1	1	0	0	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
LRFN5	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
FSCB	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
C14orf28	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
KLHL28	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
FAM179B	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
PRPF39	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
SNORD127	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
FKBP3	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
FANCM	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
C14orf106	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
RPL10L	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	1
MDGA2	1	2	0	0	2	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
RPS29	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1

PPIL5	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
RPL36AL	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
MGAT2	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
C14orf104	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
POLE2	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
KLHDC1	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
KLHDC2	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
SDCCAG1	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
ARF6	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
C14orf182	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
LOC196913	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
C14orf138	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
SOS2	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
L2HGDH	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
ATP5S	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
CDKL1	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
MAP4K5	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
ATL1	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
SAV1	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
NIN	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
ABHD12B	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
PYGL	1	2	0	2	2	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
TRIM9	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
TMX1	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
FRMD6	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
GNG2	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
C14orf166	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
NID2	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
PTGDR	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
PTGER2	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
TXNDC16	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
GPR137C	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
ERO1L	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
PSMC6	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
STYX	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
GNPNAT1	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
FERMT2	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
DDHD1	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
BMP4	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
CDKN3	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
CNIH	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
GMFB	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
CGRRF1	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
SAMD4A	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
GCH1	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
WDHD1	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
SOCS4	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1

MAPK1IP1L	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
LGALS3	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
DLGAP5	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
FBXO34	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
KIAA0831	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
TBPL2	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
C14orf33	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
KTN1	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
RPL13AP3	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
C14orf34	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
PELI2	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
C14orf101	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
OTX2	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
EXOC5	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
MUDENG	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
NAT12	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
C14orf105	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
SLC35F4	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
C14orf37	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
ACTR10	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
PSMA3	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
ARID4A	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
TOMM20L	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
TIMM9	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
KIAA0586	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
DACT1	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
DAAM1	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
GPR135	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
C14orf149	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
C14orf100	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
RTN1	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
C14orf135	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
DHRS7	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
PPM1A	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
C14orf39	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
SIX6	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
SIX1	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
SIX4	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
MNAT1	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
TRMT5	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
SLC38A6	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	1	0	1
TMEM30B	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1
PRKCH	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1
HIF1A	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1
SNAPC1	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1
SYT16	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1
FLJ43390	1	2	0	2	2	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1

KCNH5	1	2	0	2	2	1	1	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1
RHOJ	1	2	0	2	2	1	1	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1
GPHB5	1	2	0	2	2	1	1	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1
PPP2R5E	1	2	0	2	2	1	1	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1
WDR89	1	2	0	2	2	1	1	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1
SGPP1	1	2	0	2	2	1	1	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1
SYNE2	1	2	0	2	2	1	1	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	1	0	1
ESR2	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
MTHFD1	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
AKAP5	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
ZBTB25	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
ZBTB1	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
HSPA2	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
C14orf50	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
PLEKHG3	1	2	0	2	2	1	2	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
SPTB	1	2	0	2	2	1	2	1	2	0	0	0	0	1	1	0	0	0	1	0	1	1	1	2	0	0	1
CHURC1	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
GPX2	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
RAB15	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
FNTB	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
MAX	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
LOC645431	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
FUT8	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	2	0	0	1
C14orf53	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	1	0	0	1	0	1	0	1	2	0	0	1
GPHN	1	2	0	2	2	1	1	1	2	0	0	0	0	0	1	1	0	0	1	0	1	0	1	1	0	0	1
FAM71D	1	2	0	2	2	1	1	1	2	0	0	0	0	0	1	1	0	0	1	0	1	0	1	1	0	0	1
MPP5	1	2	0	2	2	1	1	1	2	0	0	0	0	0	1	1	0	0	1	0	1	0	1	1	0	0	1
ATP6V1D	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	1	0	0	1	0	1	0	1	1	0	0	1
EIF2S1	1	2	0	2	2	1	0	1	2	0	0	0	0	0	1	1	0	0	1	0	1	0	1	1	0	0	1
PLEK2	1	2	0	2	2	1	2	1	2	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1
C14orf83	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	0	1	0	1	0	1	1	0	0	1
PLEKHH1	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	0	1	0	1	0	1	1	0	0	1
PIGH	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	0	1	0	1	0	1	1	0	0	1
ARG2	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	0	1	0	1	0	1	1	0	0	1
VTI1B	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	0	1	0	1	0	1	1	0	0	1
RDH11	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	0	1	0	1	1	0	0	1
RDH12	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	0	1	0	1	1	0	0	1
ZFYVE26	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	0	1	0	1	1	0	0	1
RAD51L1	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ZFP36L1	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
C14orf181	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ACTN1	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
WDR22	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
EXD2	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
GALNTL1	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ERH	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
SLC39A9	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1

C14orf162	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
KIAA0247	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
SFRS5	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
SLC10A1	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
SMOC1	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
SLC8A3	1	2	0	2	2	1	2	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ADAM21P	1	2	0	2	2	1	0	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
COX16	1	2	0	2	2	1	0	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
SYNJ2BP	1	2	0	2	2	1	0	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ADAM21	1	2	0	2	2	1	0	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ADAM20	1	2	0	2	2	1	0	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
MED6	1	2	0	2	2	1	0	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
TTC9	1	2	0	2	2	1	0	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
MAP3K9	1	2	0	2	2	1	0	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
PCNX	1	2	0	2	2	1	0	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
SNORD56B	1	2	0	2	2	1	0	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
LOC145474	1	2	0	2	2	1	0	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
SIPA1L1	1	2	0	2	2	1	0	1	2	0	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
RGS6	2	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
DPF3	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
WDR21A	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ZFYVE1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
RBM25	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
PSEN1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
PAPLN	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
NUMB	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
HEATR4	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
C14orf169	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ACOT1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ACOT2	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ACOT4	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ACOT6	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
DNAL1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
PNMA1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
C14orf43	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
PTGR2	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ZNF410	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
FAM161B	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
COQ6	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ENTPD5	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
C14orf45	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ALDH6A1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
LIN52	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	0	0	2	1	2	1	0	1	1	0	0	1
VSX2	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
ABCD4	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
C14orf115	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
TMEM90A	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1

NPC2	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
ISCA2	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
LTBP2	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
KIAA0317	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
FCF1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
YLPM1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
PROX2	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
DLST	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
RPS6KL1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
PGF	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
EIF2B2	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
MLH3	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
ACYP1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
FAM164C	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
NEK9	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
TMED10	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
FOS	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
JDP2	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
BATF	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
FLVCR2	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
C14orf1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
TTLL5	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
TGFB3	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
C14orf179	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
C14orf118	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
ESRRB	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
VASH1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
ANGEL1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
C14orf166B	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
C14orf4	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
KIAA1737	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
ZDHHC22	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
TMEM63C	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
NGB	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
POMT2	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
GSTZ1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
TMED8	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
C14orf174	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
C14orf148	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
C14orf133	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
AHSA1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
ISM2	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
SPTLC2	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
ALKBH1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
C14orf156	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
SNW1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
C14orf178	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1

ADCK1	2	2	0	2	2	1	2	2	2	2	2	0	2	0	1	2	0	2	1	2	1	0	1	1	0	0	1
NRXN3	1	2	0	2	1	1	1	1	1	0	1	0	1	0	1	1	0	2	1	2	1	0	1	1	1	0	1
DIO2	1	2	0	2	1	1	1	1	1	0	1	0	1	0	1	1	0	2	1	2	1	0	1	1	1	0	1
C14orf145	1	2	0	2	1	1	1	1	1	0	1	0	1	0	1	1	0	2	1	2	1	0	1	1	1	0	1
TSHR	1	2	0	2	1	1	1	1	1	0	1	0	1	0	1	1	0	2	1	2	1	0	1	1	1	0	1
GTF2A1	1	2	0	2	1	1	1	1	1	0	1	0	1	0	1	1	0	2	1	2	1	0	1	1	1	0	1
SNORA79	1	2	0	2	1	1	1	1	1	0	1	0	1	0	1	1	0	2	1	2	1	0	1	1	1	0	1
STON2	1	2	0	2	1	1	1	1	1	0	1	0	1	0	1	1	0	2	1	2	1	0	1	1	1	0	1
SEL1L	1	2	0	2	1	1	1	1	1	0	1	0	1	0	1	1	0	2	1	2	1	0	1	1	1	0	1
FLRT2	1	2	0	2	1	1	1	1	1	0	1	0	1	0	1	1	0	2	1	2	1	0	1	1	1	0	1
GALC	1	2	0	2	1	1	1	1	1	0	1	0	1	0	1	1	0	2	1	2	1	0	1	1	1	0	1
GPR65	1	2	0	2	1	1	0	1	1	0	1	0	1	0	1	1	0	2	1	2	1	0	1	1	0	0	1
KCNK10	1	2	0	2	2	1	0	1	2	2	0	0	1	0	1	0	0	2	1	2	1	0	1	1	0	0	1
SPATA7	1	2	0	2	2	1	0	1	2	2	0	0	1	0	1	0	0	2	1	2	1	0	1	1	0	0	1
PTPN21	1	2	0	2	2	1	0	1	2	2	0	0	1	0	1	0	0	2	1	2	1	0	1	1	0	0	1
ZC3H14	1	2	0	2	2	1	0	1	2	2	0	0	1	0	1	0	0	2	1	2	1	0	1	1	0	0	1
EML5	1	2	0	2	2	1	0	1	2	2	0	0	1	0	1	0	0	2	1	2	1	0	1	1	0	0	1
TTC8	1	2	0	2	2	1	0	1	2	2	0	0	1	0	1	0	0	2	1	2	1	0	1	1	0	0	1
BCL11B	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SETD3	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
CCNK	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
CCDC85C	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
HHIPL1	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
CYP46A1	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
EML1	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
EVL	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
DEGS2	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
YY1	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SLC25A29	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
C14orf68	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
WARS	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
WDR25	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
BEGAIN	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
C14orf70	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
DLK1	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
MEG3	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
RTL1	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
MEG8	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD112	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD113-1	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
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SNORD113-3	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD113-4	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD113-5	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD113-6	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD113-7	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD113-8	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1

SNORD113-9	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-1	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-2	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-3	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-4	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-5	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-6	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-7	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-8	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-9	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-10	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-11	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-12	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-13	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-14	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-15	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-16	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-17	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-18	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-19	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-20	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-21	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-22	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-23	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-24	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-25	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-26	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-27	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-28	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-29	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-30	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
SNORD114-31	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
DIO3OS	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
DIO3	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
C14orf72	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
PPP2R5C	2	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
DYNC1H1	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
HSP90AA1	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
WDR20	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
RAGE	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
ZNF839	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	1	2	1	1	1	1	2	0	1
CINP	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
TECPR2	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
ANKRD9	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
RCOR1	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
TRAF3	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
AMN	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1

CDC42BPB	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
C14orf73	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
TNFAIP2	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
MARK3	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
CKB	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
TRMT61A	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
BAG5	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
C14orf153	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
KLC1	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
XRCC3	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
ZFYVE21	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
PPP1R13B	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
C14orf2	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
TDRD9	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
ASPG	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
KIF26A	2	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	0	2	0	1
C14orf180	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
TMEM179	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
INF2	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
C14orf151	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
ADSSL1	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
SIVA1	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
AKT1	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
ZBTB42	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
MGC23270	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
KIAA0284	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
PLD4	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
AHNAK2	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
C14orf79	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
CDCA4	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
GPR132	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
JAG2	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
NUDT14	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
BRF1	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
BTBD6	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
PACS2	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
MTA1	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
CRIP2	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
CRIP1	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
C14orf80	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
TMEM121	2	0	0	0	2	1	2	0	2	2	0	0	2	1	1	2	0	2	0	2	1	1	1	0	2	0	1
KIAA0125	2	0	0	0	0	1	2	0	0	0	0	0	2	1	1	0	0	0	0	2	1	1	1	0	0	0	1
ADAM6	2	0	0	0	0	1	0	0	0	0	0	0	2	1	1	0	0	0	0	2	1	1	1	0	0	0	1
LOC727832	1	0	0	0	0	2	1	0	0	0	0	0	2	2	2	1	0	0	1	0	0	1	1	1	0	0	0
GOLGA8C	1	0	0	0	0	2	1	0	0	0	0	0	2	2	2	1	0	0	1	0	0	1	1	1	0	0	0
LOC646214	1	0	0	0	0	2	1	0	0	0	0	0	2	2	2	1	0	0	1	0	0	1	1	1	0	0	0
CXADRP2	1	0	0	0	0	2	1	0	0	0	0	0	2	2	2	1	0	0	1	0	0	1	1	1	0	0	0

POTEB	1	0	0	0	0	2	1	0	0	0	0	0	2	2	2	1	2	0	1	0	0	1	1	1	0	0	0
LOC727924	1	0	0	0	0	2	1	0	0	0	0	0	2	2	2	1	2	0	1	0	0	1	1	1	0	0	0
LPCAT4	2	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
GOLGA8A	1	0	0	1	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
GOLGA8B	1	0	0	1	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
GJD2	1	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
ACTC1	1	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
AQR	1	0	0	0	0	2	1	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
ZNF770	1	0	0	0	0	2	1	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
LOC723972	1	0	0	0	0	2	1	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
ATPBD4	1	0	0	0	0	2	1	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
C15orf41	1	0	0	0	0	2	1	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
CSNK1A1P	1	0	0	0	0	2	1	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
LOC145845	1	0	0	0	0	2	1	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
MEIS2	1	0	0	0	0	2	1	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
TMCO5A	1	0	0	0	0	2	1	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
SPRED1	1	0	0	0	0	2	1	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
FAM98B	1	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
RASGRP1	1	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
C15orf53	1	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
C15orf54	1	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
THBS1	1	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
FSIP1	1	0	0	2	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GPR176	1	0	0	2	0	2	0	2	2	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
EIF2AK4	2	0	0	2	0	2	2	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SRP14	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
BMF	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
BUB1B	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PAK6	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
C15orf56	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PLCB2	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
C15orf52	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
LOC644844	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
DISP2	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
C15orf23	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
IVD	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
BAHD1	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CHST14	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
MRPL42P5	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
C15orf57	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
RPUSD2	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CASC5	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
RAD51	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
FAM82A2	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GCHFR	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
DNAJC17	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
C15orf62	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0

ZFYVE19	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PPP1R14D	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SPINT1	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
RHOV	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
VPS18	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
DLL4	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CHAC1	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
INO80	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
EXD1	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CHP	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
LOC729082	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
OIP5	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
NUSAP1	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
NDUFAF1	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
RTF1	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
ITPKA	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
LTK	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
RPAP1	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
TYRO3	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
MGA	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
MAPKBP1	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
JMJD7-PLA2G4	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
JMJD7	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PLA2G4B	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SPTBN5	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
EHD4	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PLA2G4E	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PLA2G4D	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PLA2G4F	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
VPS39	2	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SEMA6D	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
SLC24A5	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
MYEF2	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
CTXN2	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
SLC12A1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
DUT	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
FBN1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
CEP152	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
SHC4	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
EID1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
SECISBP2L	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
COPS2	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
GALK2	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
C15orf33	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
FGF7	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
DTWD1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
ATP8B4	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0

SLC27A2	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
HDC	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
GABPB1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
FLJ10038	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
LOC100129387	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
USP8	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
USP50	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
TRPM7	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
SPPL2A	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
AP4E1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
TNFAIP8L3	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
CYP19A1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
GLDN	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
DMXL2	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
SCG3	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
LYSMD2	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
TMOD2	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
TMOD3	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
LEO1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
MAPK6	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
BCL2L10	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
GNB5	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
MYO5C	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
MYO5A	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
ARPP-19	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
KIAA1370	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
ONECUT1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
WDR72	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
UNC13C	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
RSL24D1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
RAB27A	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
PIGB	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
CCPG1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
DYX1C1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
PYGO1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
PRTG	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
NEDD4	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
RFX7	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
TEX9	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
MNS1	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
ZNF280D	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
LOC145783	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
TCF12	1	0	0	2	1	2	1	2	1	1	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
LOC283663	1	0	0	2	1	2	0	2	1	1	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CGNL1	1	0	0	2	1	2	0	2	1	1	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GCOM1	1	0	0	2	1	2	0	2	1	1	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GRINL1A	1	0	0	2	1	2	0	2	1	1	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0

ALDH1A2	1	0	0	2	1	2	0	2	1	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
AQP9	1	0	0	2	1	2	0	2	1	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
ZNF609	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	1	2	1	1	1	1	2	2	0
OAZ2	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	1	2	2	0
RBPMS2	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	1	2	2	0
PIF1	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	1	2	2	0
PLEKHO2	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ANKDD1A	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SPG21	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
MTFMT	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
OSTbeta	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
RASL12	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LOC390594	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
PDCD7	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
CLPX	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
CILP	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
PARP16	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
IGDCC3	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
IGDCC4	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
DPP8	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
PTPLAD1	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
C15orf44	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SLC24A1	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
DENND4A	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SLC24A1	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
DENND4A	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
RAB11A	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
MEGF11	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
DIS3L	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
TIPIN	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SCARNA14	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
MAP2K1	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SNAPC5	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
RPL4	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SNORD18C	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SNORD18B	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SNORD16	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SNORD18A	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ZWILCH	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LCTL	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SMAD6	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SMAD3	2	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
TBC1D21	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
LOXL1	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
STOML1	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
PML	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
GOLGA6	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
LOC283731	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
ISLR2	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0

ISLR	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
STRA6	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
CCDC33	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
CYP11A1	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
SEMA7A	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
UBL7	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
ARID3B	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
CLK3	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
EDC3	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
CYP1A1	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
CYP1A2	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
CSK	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
LMAN1L	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
CPLX3	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
ULK3	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
SCAMP2	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
MPI	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
C15orf17	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
COX5A	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
RPP25	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
SCAMP5	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
PPCDC	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
C15orf39	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
GOLGA6D	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
COMMD4	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
NEIL1	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
MAN2C1	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
SIN3A	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
PTPN9	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
SNUPN	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
IMP3	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
SNX33	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
CSPG4	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
ODF3L1	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
DNM1P35	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
AEN	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
ISG20	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
ACAN	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
HAPLN3	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
MFGE8	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
ABHD2	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
RLBP1	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
FANCI	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
POLG	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
LOC254559	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
RHCG	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
LOC283761	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0

C15orf42	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
KIF7	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
PLIN	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
PEX11A	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
WDR93	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
MESP1	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
MESP2	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
ANPEP	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
AP3S2	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
C15orf38	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
ZNF710	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
IDH2	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
SEMA4B	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
CIB1	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
C15orf58	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
TTLL13	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
NGRN	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
ZNF774	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
IQGAP1	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
CRTC3	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
BLM	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
FURIN	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
FES	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
MAN2A2	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
UNC45A	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
HDDC3	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
RCCD1	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
PRC1	2	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
MCTP2	1	0	0	0	1	2	0	2	0	0	0	0	2	0	0	0	0	2	0	2	1	1	1	0	0	2	0
LOC145820	1	0	0	0	1	2	0	0	0	0	0	0	2	0	0	0	0	2	0	2	1	1	1	0	0	2	0
NR2F2	1	0	0	0	1	2	0	0	0	0	0	0	2	0	0	0	0	2	0	2	1	1	1	0	0	2	0
SPATA8	1	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	1	1	1	0	0	2	0
LOC91948	1	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	1	1	1	0	0	2	0
ARRDC4	1	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	1	1	1	0	0	2	0
SNRNP25	2	0	2	2	2	0	2	2	2	2	2	0	0	0	0	0	0	2	0	2	0	1	1	0	2	0	0
RHBDF1	2	0	2	2	2	0	2	2	2	2	2	0	0	0	0	0	0	2	0	2	0	1	1	0	2	0	0
MPG	2	0	2	2	2	0	2	2	2	2	2	0	0	0	0	0	0	2	0	2	0	1	1	0	2	0	0
C16orf35	2	0	2	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	0	2	0	1	1	0	2	0	0
HBZ	2	0	2	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	0	2	0	1	1	0	2	0	0
HBM	2	0	2	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	0	2	0	1	1	0	2	0	0
HBA2	2	0	2	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	0	2	0	1	1	0	2	0	0
HBA1	2	0	2	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	0	2	0	1	1	0	2	0	0
HBQ1	2	0	2	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	0	2	0	1	1	0	2	0	0
LUC7L	2	0	2	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	0	2	0	1	1	0	2	0	0
ITFG3	2	0	2	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	0	2	0	1	1	0	2	0	0
RGS11	2	0	2	2	2	0	2	2	2	2	2	0	0	0	0	2	0	2	0	2	0	1	1	0	2	0	0
ARHGDIG	2	0	2	2	2	0	2	2	2	2	2	0	0	0	2	2	0	2	0	2	0	1	1	0	2	0	0

PDIA2	2	0	2	2	2	0	2	2	2	2	2	0	0	0	2	2	0	2	0	2	0	1	1	0	2	0	0
AXIN1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
MRPL28	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
TMEM8	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
LOC100134368	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
NME4	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
DECR2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
RAB11FIP3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	0
C16orf10	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	0
SOLH	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	0
C16orf11	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	0
FLJ36208	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	0
PIGQ	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	0
RAB40C	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
WFIKKN1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
C16orf13	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
C16orf14	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
WDR90	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
RHOT2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
RHBDL1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
STUB1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
JMJD8	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
WDR24	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
FBXL16	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
METRN	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
FAM173A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
CCDC78	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
HAGHL	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
NARFL	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
MSLN	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
MSLNL	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
RPUSD1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
CHTF18	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
GNG13	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
LOC388199	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
LMF1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
SOX8	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
LOC146336	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
SSTR5	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
C1QTNF8	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
CACNA1H	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	2	2	0	1
TPSG1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	1
TPSB2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	1
TPSAB1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	1
TPSD1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	1
LOC100130430	2	0	2	2	2	0	2	2	2	2	2	0	2	1	2	2	0	2	0	2	1	1	1	0	2	0	1
UBE2I	2	0	2	2	2	0	2	2	2	2	2	0	2	1	2	2	0	2	0	2	1	1	1	0	2	0	1

BAIAP3	2	0	2	2	2	0	2	2	2	2	2	0	2	1	2	2	0	2	0	2	1	1	1	0	2	0	1
C16orf42	2	0	2	2	2	0	2	2	2	2	2	0	2	1	2	2	0	2	0	2	1	1	1	0	2	0	1
GNPTG	2	0	2	2	2	0	2	2	2	2	2	0	2	1	2	2	0	2	0	2	1	1	1	0	2	0	1
UNKL	2	0	2	2	2	0	2	2	2	2	2	0	2	1	2	2	0	2	0	2	1	1	1	0	2	0	1
C16orf91	2	0	2	2	2	0	2	2	2	2	2	0	2	1	2	2	0	2	0	2	1	1	1	0	2	0	1
CCDC154	2	0	2	2	2	0	2	2	2	2	2	0	2	1	2	2	0	2	0	2	1	1	1	0	2	0	1
CLCN7	2	0	2	2	2	0	2	2	2	2	2	0	2	1	2	2	0	2	0	2	1	1	1	0	2	0	1
C16orf38	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
TELO2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
IFT140	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
TMEM204	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
CRAMP1L	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
HN1L	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
MAPK8IP3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
NME3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
MRPS34	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
EME2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
SPSB3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
NUBP2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
IGFALS	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
HAGH	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
FAHD1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
C16orf73	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
HS3ST6	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
SEPX1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
RPL3L	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
NDUFB10	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
RPS2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
SNORA10	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
SNORA64	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
SNHG9	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
SNORA78	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
RNF151	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
TBL3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
NOXO1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
GFER	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
SYNGR3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
ZNF598	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
NPW	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
SLC9A3R2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
NTHL1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
TSC2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
PKD1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
RAB26	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
SNORD60	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
TRAF7	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
CASKIN1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0

GBL	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
C16orf79	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
PGP	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
E4F1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
DNASE1L2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
DCI	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
RNPS1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
ABCA3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
ABCA17P	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
CCNF	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
C16orf59	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
NTN3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
TBC1D24	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
ATP6V0C	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
AMDHD2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
CEMP1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
PDPK1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
LOC652276	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
FLJ42627	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
KCTD5	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
PRSS27	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
LOC100128788	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
SRRM2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
TCEB2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
SRRM2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
TCEB2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
PRSS33	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
TESSP1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
PRSS21	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
ZG16B	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
MGC52282	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
PRSS22	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
FLYWCH2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
FLYWCH1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
KREMEN2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
PAQR4	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
PKMYT1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
CLDN9	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
CLDN6	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
TNFRSF12A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
HCFC1R1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
THOC6	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
CCDC64B	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
MMP25	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
IL32	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
ZSCAN10	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
MGC3771	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
ZNF205	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	1	1	0	2	0	0
ZNF213	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0

OR1F1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
OR1F2P	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
ZNF200	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
MEFV	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
ZNF263	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
TIGD7	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
ZNF75A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
OR2C1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
ZNF434	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
ZNF174	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
ZNF597	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
NAT15	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
C16orf90	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
CLUAP1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
NLRC3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
BTBD12	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
DNASE1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
TRAP1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
CREBBP	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
ADCY9	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
SRL	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
TFAP4	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
GLIS2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
Magmas	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
CORO7	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
VASN	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
DNAJA3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
NMRAL1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
HMOX2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
C16orf5	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
LOC342346	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
FAM100A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
MGRN1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
NUDT16L1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
ANKS3	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
C16orf71	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
ZNF500	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
12-Sep	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
ROGDI	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
N-PAC	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
UBN1	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
PPL	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	1	0	2	0	0
SEC14L5	2	0	0	2	2	0	2	2	2	2	2	0	2	2	2	2	0	2	0	2	2	0	1	0	2	0	0
NAGPA	2	0	0	2	2	0	2	2	2	2	2	0	2	2	2	2	0	2	0	2	2	0	1	0	2	0	0
C16orf89	2	0	0	2	2	0	2	2	2	2	2	0	2	2	2	2	0	2	0	2	2	0	1	0	2	0	0
ALG1	2	0	0	2	2	0	2	2	2	2	2	0	2	2	2	2	0	2	0	2	2	0	1	0	2	0	0
FAM86A	2	0	0	2	2	0	2	2	2	2	2	0	2	2	2	2	0	2	0	2	2	0	1	0	2	0	0

A2BP1	1	0	1	2	2	0	1	1	1	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
CPPED1	1	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
LOC729993	1	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
ERCC4	1	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
MKL2	1	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
KIAA0556	2	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	2	2	0	1	2	2	2	0
GSG1L	2	0	2	2	2	0	2	2	2	2	2	0	0	0	2	2	0	2	2	2	2	0	1	2	2	2	0
XPO6	2	0	2	2	2	0	2	2	2	2	2	0	0	0	2	2	0	2	2	2	2	0	1	2	2	2	0
SBK1	2	0	2	2	2	0	2	2	2	2	2	0	0	0	2	2	0	2	2	2	2	0	1	2	2	2	0
EIF3CL	2	0	2	2	2	0	2	2	2	2	2	0	0	0	2	2	0	2	2	2	2	1	1	2	2	2	0
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CLN3	2	0	2	2	2	0	2	2	2	2	2	0	0	0	2	2	0	2	2	2	2	0	1	2	2	2	0
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SULT1A2	2	0	2	2	2	0	2	2	2	2	2	0	0	0	2	2	0	2	2	2	2	1	1	2	2	2	0
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TUFM	2	0	2	2	2	0	2	2	2	2	2	0	0	0	2	2	0	2	2	2	2	1	1	2	2	2	0
SH2B1	2	0	2	2	2	0	2	2	2	2	2	0	0	0	2	2	0	2	2	2	2	1	1	2	2	2	0
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RUNDC2C	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
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BOLA2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
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GIYD1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
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SULT1A3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
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SLC7A5P1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
SPN	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
QPRT	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
C16orf54	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
MAZ	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
PRRT2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
C16orf53	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
MVP	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0

CDIPT	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
LOC440356	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
SEZ6L2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ASPHD1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
KCTD13	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
TMEM219	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
TAOK2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
HIRIP3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
INO80E	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
DOC2A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
C16orf92	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
FAM57B	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ALDOA	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
PPP4C	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
TBX6	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	1	1	1	2	2	2	0
YPEL3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	1	1	1	2	2	2	0
GDPD3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	1	1	1	2	2	2	0
MAPK3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	1	1	1	2	2	2	0
LOC100271831	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	1	1	1	2	2	2	0
CORO1A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	1	1	1	2	2	2	0
LOC613037	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
LOC595101	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
CD2BP2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
TBC1D10B	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
MYLPF	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
1-Sep	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ZNF48	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ZNF771	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
DCTPP1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
SEPHS2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ITGAL	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ZNF768	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ZNF747	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ZNF764	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ZNF688	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ZNF785	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ZNF689	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
PRR14	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
FBRS	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
SRCAP	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
SNORA30	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
PHKG2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
C16orf93	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
RNF40	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ZNF629	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
BCL7C	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
CTF1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0

NCRNA00095	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
FBXL19	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ORAI3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
SETD1A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
HSD3B7	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
STX1B	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
STX4	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ZNF668	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ZNF646	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
POL3S	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
VKORC1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
BCKDK	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
MYST1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
PRSS8	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
PRSS36	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
FUS	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
PYCARD	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
TRIM72	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
PYDC1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ITGAM	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ITGAX	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ITGAD	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
COX6A2	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ZNF843	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ARMC5	2	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
TGFB1I1	2	0	0	2	2	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
SLC5A2	2	0	0	2	2	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
C16orf58	2	0	0	2	2	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	2	1	1	2	2	2	0
ERAF	2	0	0	2	2	0	2	0	2	2	2	0	2	0	2	2	0	2	2	2	2	0	1	2	2	2	0
MT4	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MT3	2	0	0	0	2	0	2	0	2	0	0	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MT2A	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MT1L	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MT1E	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MT1M	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MT1A	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MT1DP	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MT1B	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MT1F	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MT1G	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MT1H	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MT1IP	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MT1X	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
NUP93	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
SLC12A3	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
HERPUD1	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CETP	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0

NLRC5	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CPNE2	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
NIP30	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
RSPRY1	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
ARL2BP	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
PLLP	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CCL22	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CX3CL1	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CCL17	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CIAPIN1	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
COQ9	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
POLR2C	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
DOK4	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CCDC102A	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
GPR114	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
GPR56	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
GPR97	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CCDC135	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
KATNB1	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
KIFC3	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CNGB1	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
TEPP	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
ZNF319	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
C16orf57	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MMP15	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
C16orf80	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CSNK2A2	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CDH8	1	0	0	0	2	0	1	0	0	0	1	0	2	0	2	1	0	2	0	2	2	0	0	1	0	2	0
CDH11	1	0	0	0	2	0	0	0	0	0	1	0	2	0	2	0	2	2	0	2	2	0	0	1	0	2	0
LOC283867	1	0	0	0	2	0	0	0	0	2	1	0	2	0	2	0	2	2	0	2	2	0	0	1	2	2	0
CA7	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
PDP2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CDH16	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
RRAD	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
FAM96B	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CES2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CES3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CES8	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CBFB	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
C16orf70	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
B3GNT9	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
TRADD	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
FBXL8	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
HSF4	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
NOL3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
KIAA0895L	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
EXOC3L	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0

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ELMO3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
LRRC29	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
TMEM208	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
FHOD1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
SLC9A5	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
PLEKHG4	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
KCTD19	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
LRRC36	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
TPPP3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
ZDHHC1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
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FAM65A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
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PARD6A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
C16orf48	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
C16orf86	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
GFOD2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
RANBP10	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
TSNAXIP1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
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THAP11	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
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NRN1L	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
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DPEP3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
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DUS2L	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
NFATC3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
ESRP2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
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CDH3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0

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CHTF8	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CIRH1A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
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COG8	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
NIP7	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
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TERF2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CYB5B	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
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WWP2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CLEC18A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
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MTSS1L	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
VAC14	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
HYDIN	2	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
GAN	1	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
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PLCG2	1	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
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MPHOSPH6	1	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CDH13	1	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CRISPLD2	2	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
ZDHHC7	2	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
KIAA0513	2	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
FAM92B	2	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
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IRF8	2	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
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FAM38A	2	0	2	0	2	0	2	2	2	2	2	0	2	1	0	2	0	2	0	2	1	1	1	0	0	0	1
CDT1	2	0	2	0	2	0	2	2	2	2	2	0	2	1	0	2	0	2	0	2	1	1	1	0	0	0	1
APRT	2	0	2	0	2	0	2	2	2	2	2	0	2	1	0	2	0	2	0	2	1	1	1	0	0	0	1
GALNS	2	0	2	0	2	0	2	2	2	2	2	0	2	1	0	2	0	2	0	2	1	1	1	0	0	0	1
TRAPPC2L	2	0	2	0	2	0	2	2	2	2	2	0	2	1	0	2	0	2	0	2	2	1	1	0	0	0	1
LOC390748	2	0	2	0	2	0	2	2	2	2	2	0	2	1	0	2	0	2	0	2	2	1	1	0	0	0	1
CBFA2T3	2	0	2	0	2	0	2	2	2	2	2	0	2	1	0	2	0	2	0	2	2	1	1	0	0	0	1
ACSF3	2	0	2	0	2	0	2	2	2	2	2	0	2	1	0	2	0	2	0	2	2	1	1	0	0	0	1
C16orf81	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	0	0	1
CDH15	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	0	0	1
ZNF778	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	0	0	1
ANKRD11	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	0	0	1
SPG7	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	2	0	1
RPL13	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	2	0	1
SNORD68	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	2	0	1
CPNE7	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	2	0	1
DPEP1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	2	2	1

CHMP1A	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	2	2	1
C16orf55	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	2	2	1
CDK10	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	2	2	1
SPATA2L	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	2	2	1
C16orf7	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	2	2	1
ZNF276	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	2	2	1
FANCA	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	2	2	1
SPIRE2	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	0	0	1
TCF25	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	0	0	1
MC1R	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	0	0	1
TUBB3	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	0	0	1
DEF8	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	0	0	1
MGC16385	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	0	0	1
AFG3L1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	0	0	1
DBNDD1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	0	0	1
GAS8	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	2	0	0	0	0	0	1
C16orf3	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	0	0	1
LOC100130015	2	0	2	0	0	0	2	0	0	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	0	0	1
PRDM7	2	0	2	0	0	0	2	0	0	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	0	0	1
RPH3AL	2	0	1	2	0	0	2	0	2	2	0	0	2	0	1	2	1	0	0	2	0	1	1	2	2	1	1
C17orf97	2	0	1	2	0	0	2	0	2	2	0	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
FAM101B	2	0	1	2	0	0	2	0	2	2	0	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
VPS53	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
FAM57A	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
GEMIN4	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
ELP2P	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
GLOD4	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
RNMTL1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
NXN	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
TIMM22	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
ABR	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
TUSC5	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
YWHAE	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
CRK	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
MYO1C	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
INPP5K	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
PITPNA	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
SLC43A2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
SCARF1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
RILP	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
PRPF8	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
C17orf91	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	0	1	1	2	2	1	1
SERPINF2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SERPINF1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SMYD4	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
RPA1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
RTN4RL1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1

DPH1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
OVCA2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
HIC1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SMG6	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SRR	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
TSR1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SNORD91B	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SNORD91A	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SGSM2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MNT	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
LOC284009	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
METT10D	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
PAFAH1B1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
KIAA0664	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
GARNL4	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
OR1D5	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
OR1D4	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
OR1D2	1	0	1	2	0	0	1	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
OR1G1	1	0	1	2	0	0	1	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
OR1A2	1	0	1	2	0	0	1	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
OR1A1	1	0	1	2	0	0	1	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
OR3A2	1	0	1	2	0	0	1	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
OR3A1	1	0	1	2	0	0	1	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
OR3A4	1	0	1	2	0	0	1	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
OR1E1	1	0	1	2	0	0	1	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
OR3A3	1	0	1	2	0	0	1	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
OR1E2	1	0	1	2	0	0	1	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SPATA22	1	0	1	2	0	0	1	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ASPA	1	0	1	2	0	0	1	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
TRPV3	1	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
TRPV1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SHPK	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
CTNS	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
TAX1BP3	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
TMEM93	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
P2RX5	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ITGAE	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
GSG2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
C17orf85	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
CAMKK1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
P2RX1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ATP2A3	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ZZEF1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
CYB5D2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ANKFY1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
UBE2G1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SPNS3	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1

SPNS2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MYBBP1A	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
GGT6	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SMTNL2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ALOX15	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
PELP1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ARRB2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MED11	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
CXCL16	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ZMYND15	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
TM4SF5	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
VMO1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
GLTPD2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
PSMB6	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
PLD2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MINK1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
CHRNE	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
LOC100130311	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
GP1BA	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SLC25A11	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
RNF167	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
PFN1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ENO3	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SPAG7	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
CAMTA2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
INCA1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
KIF1C	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
GPR172B	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ZFP3	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ZNF232	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
USP6	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ZNF594	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
C17orf87	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
RABEP1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
NUP88	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
RPAIN	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
C1QBP	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
DHX33	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
DERL2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MIS12	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
NLRP1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
WSCD1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
AIPL1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
FAM64A	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
PITPNM3	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
KIAA0753	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
TXNDC17	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1

MED31	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
C17orf100	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
SLC13A5	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
XAF1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
FBXO39	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
TEKT1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
ALOX12P2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
ALOX12	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
RNASEK	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
C17orf49	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
BCL6B	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
SLC16A13	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
SLC16A11	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
CLEC10A	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
ASGR2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
ASGR1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
DLG4	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
ACADVL	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
DVL2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
PHF23	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
GABARAP	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
DULLARD	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
C17orf81	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
CLDN7	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
SLC2A4	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
YBX2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
EIF5A	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
GPS2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
NEURL4	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
ACAP1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
KCTD11	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
TMEM95	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
TNK1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
PLSCR3	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
C17orf61	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
NLGN2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
SPEM1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
C17orf74	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
TMEM102	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
FGF11	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
CHRNB1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
ZBTB4	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
AMAC1L3	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
POLR2A	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
TNFSF12	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
TNFSF12-TNFS	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	
TNFSF13	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1	

SENP3	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
EIF4A1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SNORA48	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SNORD10	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SNORA67	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
CD68	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MPDU1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SOX15	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
FXR2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SHBG	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SAT2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ATP1B2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
TP53	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
WRAP53	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
EFNB3	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
DNAH2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
RPL29P2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
KDM6B	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
TMEM88	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
LSMD1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
CYB5D1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
CHD3	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SCARNA21	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
LOC284023	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1

SCARNA21	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
LOC284023	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
KCNAB3	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
TRAPPC1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
CNTROB	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
GUCY2D	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ALOX15B	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ALOX12B	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ALOXE3	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
HES7	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
PER1	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
VAMP2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
TMEM107	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
C17orf59	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
AURKB	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
C17orf44	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
C17orf68	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
PFAS	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SLC25A35	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
RANGRF	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ARHGEF15	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
ODF4	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
LOC100128288	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
KRBA2	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
RPL26	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1

RNF222	2	0	1	2	0	0	2	0	2	2	2	0	2	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MYH13	1	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MYH8	1	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MYH4	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MYH1	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MYH2	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MYH3	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SCO1	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
C17orf48	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	1	1	1
TMEM220	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	1	1	1
PIRT	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	1	1	1
FLJ45455	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	1	1	1
DNAH9	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
ZNF18	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
MAP2K4	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
MYOCD	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
RICH2	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
ELAC2	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
HS3ST3A1	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
CDRT15P	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
COX10	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
CDRT15	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
HS3ST3B1	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
MGC12916	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
PMP22	1	0	1	2	0	0	1	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
TEKT3	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
CDRT4	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
FAM18B2	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
CDRT1	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
TRIM16	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
ZNF286A	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
TBC1D26	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
MEIS3P1	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
ADORA2B	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
ZSWIM7	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
TTC19	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
NCOR1	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
PIGL	1	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	1	1	1
PYY2	2	0	2	0	2	0	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	1	0	2	2	0	2
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FLJ40504	2	0	2	0	2	0	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	1	0	2	2	0	2
TMEM97	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	0	2	2	2	2	1	0	2	2	0	2
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SEBOX	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2

VTN	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SARM1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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SDF2	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SUPT6H	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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RPL23A	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SNORD42B	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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TLCD1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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TRAF4	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
C17orf63	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
ERAL1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
FLOT2	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
DHRS13	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
PHF12	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SEZ6	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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MYO18A	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
TIAF1	2	0	2	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CRYBA1	2	0	2	2	2	0	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
NUFIP2	2	0	2	2	2	0	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
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GIT1	2	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
ANKRD13B	2	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
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SOCS7	2	0	2	2	2	2	2	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
ARHGAP23	2	0	2	2	2	2	2	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SNIP	2	0	2	2	2	2	2	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
C17orf96	2	0	2	2	2	2	2	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2

MLLT6	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CISD3	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
PCGF2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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CCDC49	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
C17orf98	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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SNORA21	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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FBXO47	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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CRKRS	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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TCAP	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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PERLD1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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MED24	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SNORD124	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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TOP2A	2	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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CCR7	1	0	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SMARCE1	1	0	2	2	2	2	1	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
KRT222P	1	0	2	2	2	2	1	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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KRT10	1	0	2	2	2	2	1	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
TMEM99	1	0	2	2	2	2	1	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
KRT12	1	0	2	2	2	2	1	2	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
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RUNDC3A	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
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GRN	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
FAM171A2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
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FZD2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
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CCDC43	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
DBF4B	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
ADAM11	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
GJC1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
HIGD1B	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
EFTUD2	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
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KIF18B	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
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ACBD4	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
HEXIM1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
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FMNL1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
LOC100133991	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
C17orf46	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
MAP3K14	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
ARHGAP27	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
SH3D20	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
PLEKHM1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
LRRC37A4	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
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CRHR1	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
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IMP5	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
MAPT	1	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
LOC100130148	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
STH	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
KIAA1267	1	0	2	2	2	2	1	2	2	2	2	2	2	0	0	2	2	2	2	2	1	1	0	2	2	0	0
LRRC37A	1	0	2	2	2	2	1	2	2	2	2	2	2	0	0	2	2	2	2	2	1	1	0	2	2	0	0

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WNT3	1	0	2	2	2	2	1	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
WNT9B	1	0	2	2	2	2	1	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
GOSR2	1	0	2	2	2	2	1	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
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CDC27	1	0	2	2	2	2	1	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
MYL4	1	0	2	2	2	2	1	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
ITGB3	1	0	2	2	2	2	1	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
C17orf57	1	0	2	2	2	2	1	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
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OSBPL7	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
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ABI3	2	0	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	0
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KIF2B	1	0	2	2	2	2	1	1	1	1	1	2	2	0	0	1	2	2	0	2	2	1	0	1	2	0	1
TOM1L1	1	0	2	2	2	2	1	1	1	1	1	2	2	0	0	1	2	2	0	2	2	1	0	1	2	0	1

COX11	1	0	2	2	2	2	1	1	1	1	1	2	2	0	0	1	2	2	0	2	2	1	0	1	2	0	1
STXBP4	1	0	2	2	2	2	1	1	1	1	1	2	2	0	0	1	2	2	0	2	2	1	0	1	2	0	1
HLF	1	0	2	2	2	2	1	1	1	1	1	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	1
MMD	1	0	2	2	2	2	1	1	1	1	1	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	1
TMEM100	1	0	2	2	2	2	1	1	1	1	1	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	1
PCTP	1	0	2	2	2	2	1	1	1	1	1	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	1
ANKFN1	1	0	2	2	2	2	1	1	1	1	1	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	0
ABCA8	1	0	2	2	2	0	1	2	1	1	2	2	2	0	0	1	2	2	0	2	2	1	0	0	2	0	1
ABCA9	1	0	2	2	2	0	1	2	1	1	2	2	2	0	0	1	2	2	0	2	2	1	0	0	2	0	1
ABCA6	1	0	2	2	2	0	1	2	1	1	2	2	2	0	0	1	2	2	0	2	2	1	0	0	2	0	1
ABCA10	1	0	2	2	2	0	1	2	1	1	2	2	2	0	0	1	2	2	0	2	2	1	0	0	2	0	1
ABCA5	1	0	2	2	2	0	1	2	1	1	2	2	2	0	0	1	2	2	0	2	2	1	0	0	2	0	1
MAP2K6	1	0	2	2	2	0	1	2	1	1	2	2	2	0	0	1	2	2	0	2	2	1	0	0	2	0	1
KCNJ16	1	0	2	2	2	0	1	2	1	1	2	2	2	0	0	1	2	2	0	2	2	1	0	0	2	0	1
KCNJ2	1	0	2	2	2	0	1	2	1	1	2	2	2	0	0	1	2	2	0	2	2	1	0	0	2	0	1
CDC42EP4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	0	2	2	0	1
SDK2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	1
C17orf54	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	1
RPL38	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	0	2	2	0	1
MGC16275	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
TTYH2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
DNAI2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
KIF19	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
BTBD17	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
GPR142	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
GPRC5C	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
CD300A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
CD300LB	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
CD300C	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
CD300LD	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
C17orf77	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
CD300E	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
RAB37	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
CD300LF	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
SLC9A3R1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
NAT9	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
TMEM104	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
GRIN2C	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
FDXR	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
FADS6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
USH1G	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
OTOP2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
OTOP3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
C17orf28	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
CDR2L	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
ICT1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
ATP5H	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1

KCTD2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
SLC16A5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
ARMC7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
NT5C	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
HN1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
SUMO2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
NUP85	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
GGA3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
MRPS7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
MIF4GD	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
SLC25A19	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
GRB2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
KIAA0195	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
CASKIN2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
TSEN54	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
LLGL2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
MYO15B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
RECQL5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
LOC643008	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
SAP30BP	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
ITGB4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
GALK1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
H3F3B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
UNK	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
UNC13D	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
WBP2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
TRIM47	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
TRIM65	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
MRPL38	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
FBF1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
ACOX1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
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CDK3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
EVPL	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
SRP68	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
GALR2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
ZACN	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
EXOC7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
FOXJ1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
RNF157	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
FAM100B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
QRICH2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
PRPSAP1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
SPHK1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
UBE2O	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
AANAT	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
RHBDF2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1

CYGB	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
PRCD	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
SNORD1C	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
SNORD1B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
SNORD1A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
ST6GALNAC2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
ST6GALNAC1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
MXRA7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
JMJD6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
C17orf95	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
SFRS2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
MFSD11	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
MGAT5B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
C17orf86	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
SCARNA16	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
SEC14L1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
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FLJ45079	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
TNRC6C	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
TMC6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	1
TMC8	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
SYNGR2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
TK1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
AFMID	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
BIRC5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
EPR1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
LOC283999	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
SOCS3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
PGS1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
CYTH1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
USP36	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
TIMP2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
LGALS3BP	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
CANT1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
C1QTNF1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
ENGASE	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
HRNBP3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
ENPP7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
CBX2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
CBX8	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
CBX4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
TBC1D16	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
CCDC40	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
GAA	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
EIF4A3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
CARD14	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
SGSH	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2

SLC26A11	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
KIAA1618	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
RNF213	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
FLJ35220	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
NPTX1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
KIAA1303	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
CHMP6	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
FLJ90757	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
BAIAP2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
AATK	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
LOC388428	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
AZI1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	2
C17orf56	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	0	2	2	0	0
C17orf89	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	0	2	2	0	0
SLC38A10	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	0
C17orf55	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	0
TMEM105	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	0
BAHCC1	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	0
ACTG1	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	0
FSCN2	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	0
C17orf70	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	0
NPLOC4	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	1	1	1	2	2	0	0
TSPAN10	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	0
PDE6G	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	0
C17orf90	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	0
CCDC137	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	0
ARL16	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	0
HGS	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	0
MRPL12	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	0
SLC25A10	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	0
DYSFIP1	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	0
P4HB	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	1	2	2	0	0
ARHGDIA	2	0	2	2	2	0	2	2	2	2	2	0	2	1	0	2	0	2	2	2	0	1	0	2	2	0	0
THOC4	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
ANAPC11	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
NPB	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
PCYT2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
SIRT7	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
MAFG	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
LOC92659	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
PYCR1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
MYADML2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
NOTUM	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
ASPSCR1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
STRA13	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
LRRC45	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
RAC3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0

DCXR	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
RFNG	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
GPS1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
DUS1L	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
FASN	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
CCDC57	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
SLC16A3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
CSNK1D	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
CD7	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
SECTM1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
TEX19	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
UTS2R	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
C17orf101	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
HEXDC	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
C17orf62	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
NARF	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
FOXK2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
WDR45L	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
RAB40B	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
FN3KRP	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
FN3K	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
TBCD	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
ZNF750	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
B3GNTL1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
METRNL	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	1	0	2	2	0	0
USP14	1	0	1	0	0	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
THOC1	1	0	1	0	0	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
COLEC12	1	0	1	0	0	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
CETN1	1	0	1	0	0	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
CLUL1	1	0	1	0	0	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
C18orf56	1	0	1	0	0	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
TYMS	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
ENOSF1	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
YES1	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
ADCYAP1	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
C18orf2	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
METTL4	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
NDC80	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
SMCHD1	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
EMILIN2	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
LPIN2	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
LOC727896	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
MYOM1	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
MYL12A	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
MYL12B	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
TGIF1	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
DLGAP1	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0

FLJ35776	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
LOC642597	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
C18orf18	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
LOC339290	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
ZFP161	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
EPB41L3	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
TTMA	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
L3MBTL4	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
ARHGAP28	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0
LAMA1	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
LRRC30	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
PTPRM	1	0	1	0	1	2	1	1	0	0	1	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
LOC100192426	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
RAB12	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
KIAA0802	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
NDUFV2	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
ANKRD12	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
TWSG1	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
RALBP1	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
PPP4R1	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
RAB31	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
TXNDC2	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
VAPA	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
APCDD1	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
NAPG	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
FAM38B	1	0	1	0	1	2	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
GNAL	1	0	1	0	1	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
CHMP1B	1	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
MPPE1	1	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
IMPA2	1	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
CIDEA	1	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
TUBB6	1	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
AFG3L2	1	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
SLMO1	1	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
SPIRE1	1	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
CEP76	1	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
PSMG2	1	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
PTPN2	1	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
SEH1L	1	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
CEP192	1	0	1	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
C18orf1	1	0	1	0	0	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
C18orf19	1	0	1	0	0	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
RNMT	1	0	1	0	0	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
MC5R	1	0	1	0	0	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
MC2R	1	0	1	0	0	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
ZNF519	1	0	1	0	0	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
LOC284233	1	0	1	0	0	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0

CXADRP3	1	0	1	0	0	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
POTEC	1	0	1	0	0	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
ANKRD30B	1	0	1	0	0	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
LOC644669	1	0	1	0	0	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
ROCK1	1	0	1	0	0	2	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0
KIAA1772	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	0	1
ESCO1	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	0	1
SNRPD1	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	0	1
ABHD3	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	0	1
MIB1	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	0	1
GATA6	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	0	1
CTAGE1	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	0	1
RBBP8	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	1	1
CABLES1	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	1	1
C18orf45	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	1	1
RIOK3	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	1	1
C18orf8	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	1	1
NPC1	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	1	1
ANKRD29	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	1	1
LAMA3	1	0	1	0	0	1	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	1	1	1
TTC39C	1	0	1	0	0	1	1	0	0	0	1	0	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1
CABYR	1	0	1	0	0	1	1	0	0	0	1	0	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1
OSBPL1A	1	0	1	0	0	1	1	0	0	0	1	0	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1
IMPACT	1	0	1	0	0	1	1	0	0	0	1	0	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1
HRH4	1	0	1	0	0	1	1	0	0	0	1	0	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1
ZNF521	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1
SS18	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1
PSMA8	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1
TAF4B	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1
KCTD1	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
LOC728606	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
AQP4	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
C18orf16	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
CHST9	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
CDH2	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
DSC3	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
DSC2	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
DSC1	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
DSG1	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
DSG4	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
DSG3	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
DSG2	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
TTR	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
B4GALT6	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
MCART2	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
KIAA1012	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
RNF125	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1

RNF138	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
MEP1B	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
FAM59A	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
WBP11P1	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
KLHL14	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
C18orf34	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
ASXL3	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
NOL4	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
DTNA	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
MAPRE2	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
ZNF397	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
ZNF397OS	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
ZNF271	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
ZNF24	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
ZNF396	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
INO80C	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
GALNT1	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
C18orf21	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
RPRD1A	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
SLC39A6	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
ELP2	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
MOCOS	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
FHOD3	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
C18orf10	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
KIAA1328	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
BRUNOL4	1	0	1	0	1	1	2	1	1	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
LOC647946	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
KC6	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
PIK3C3	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
RIT2	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
SYT4	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
SETBP1	1	0	1	0	1	1	1	1	1	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
SLC14A2	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
SLC14A1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
SIGLEC15	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
KIAA1632	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
PSTPIP2	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
ATP5A1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
HAUS1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
C18orf25	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
RNF165	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
LOXHD1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
ST8SIA5	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
PIAS2	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
KATNAL2	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
TCEB3CL	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
TCEB3C	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1

TCEB3B	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
HDHD2	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
IER3IP1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
SMAD2	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
ZBTB7C	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
KIAA0427	1	0	1	0	1	1	2	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
SMAD7	1	0	1	0	1	1	2	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
DYM	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
C18orf32	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
RPL17L	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
RPL17	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
SNORD58C	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
U58	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
SNORD58A	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
SNORD58B	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
LIPG	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
ACAA2	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
SCARNA17	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
MYO5B	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
CCDC11	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
MBD1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
CXXC1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
C18orf24	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
MAPK4	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
MRO	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	0	1	1	1
ME2	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
ELAC1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
SMAD4	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
MEX3C	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
DCC	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
MBD2	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
SNORA37	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
POLI	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
STARD6	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
C18orf54	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
C18orf26	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
RAB27B	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
CCDC68	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1
TCF4	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
TXNL1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
WDR7	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
ST8SIA3	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
ONECUT2	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
FECH	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
NARS	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
ATP8B1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
NEDD4L	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1

ALPK2	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
MALT1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
ZNF532	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
LOC390858	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
SEC11C	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
GRP	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
RAX	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
CPLX4	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
LMAN1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
CCBE1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	2	1	0	1	0	1	1	1	1	1	1	1
PMAIP1	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
MC4R	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
CDH20	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
RNF152	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
PIGN	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
KIAA1468	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
TNFRSF11A	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
ZCCHC2	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
PHLPP	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
BCL2	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
KDSR	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
VPS4B	1	0	1	0	1	1	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
SERPINB5	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
SERPINB12	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
SERPINB13	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
SERPINB4	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
SERPINB3	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
SERPINB11	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
SERPINB7	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
SERPINB2	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
SERPINB10	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
HMSD	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
SERPINB8	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
C18orf20	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1
CDH7	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
CDH19	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
DSEL	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
TMX3	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
CCDC102B	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
DOK6	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
CD226	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
RTTN	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
SOCS6	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
CBLN2	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
NETO1	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
FBXO15	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
C18orf55	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1

CYB5A	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
C18orf51	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
CNDP2	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
CNDP1	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
LOC400657	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
ZNF407	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
ZADH2	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1
TSHZ1	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1
C18orf62	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1
ZNF516	1	0	1	1	1	1	2	0	1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1
LOC284276	1	0	1	0	1	1	2	0	1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1
ZNF236	1	0	1	0	1	1	2	0	1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1
MBP	1	0	1	0	1	1	2	0	1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1
GALR1	1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1
SALL3	1	0	1	0	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	1	0	1	1
ATP9B	1	0	1	0	1	1	0	0	1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	1	0	1	1
PPAP2C	2	0	2	0	0	0	2	2	0	0	2	0	0	1	0	0	0	0	0	2	0	0	1	0	0	1	0
MIER2	2	0	2	0	2	0	2	2	0	0	2	2	2	1	0	2	0	2	2	2	0	0	1	2	0	1	0
THEG	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	0	1	2	0	1	0
FAM148C	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	0	1	0
SHC2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	0	1	0
ODF3L2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	0	1	0
MADCAM1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	0	1	0
C19orf20	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	0	1	0
CDC34	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	0	1	0
GZMM	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	0	1	0
BSG	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	0	1	0
HCN2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	0	1	0
POLRMT	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	0	1	0
FGF22	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	0	1	0
RNF126	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	2	1	0
FSTL3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	2	1	0
PRSSL1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	2	1	0
PALM	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	2	1	0
C19orf21	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	0	1	1	2	2	1	0
PTBP1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	1	1	1	2	2	1	0
PRG2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	1	1	1	2	2	1	0
AZU1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	0	2	2	2	1	1	1	2	2	1	0
PRTN3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	1	1	1	2	2	1	0
ELA2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	1	1	1	2	2	1	0
CFD	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	1	1	1	2	2	1	0
MED16	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	0	1	1	2	2	1	0
C19orf22	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	0	1	1	2	2	1	0
KISS1R	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	0	1	1	2	2	1	0
ARID3A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	0	1	1	2	2	1	0
WDR18	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	0	1	1	2	2	1	0
GRIN3B	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	0	1	1	2	2	1	0

C19orf6	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	0	1	1	2	2	1	0
CNN2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	0	1	1	2	2	1	0
ABCA7	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	0	1	1	2	2	1	0
HMHA1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	0	1	1	2	2	1	0
POLR2E	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	0	1	1	2	2	1	0
GPX4	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	0	1	1	2	2	1	0
SBNO2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	0	1	1	2	2	1	0
STK11	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	1	1	1	2	2	1	0
C19orf26	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	1	1	1	2	2	1	0
ATP5D	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	1	1	1	2	2	1	0
MIDN	2	0	2	2	2	0	2	2	2	2	2	2	2	1	0	2	2	2	2	2	1	1	1	2	2	1	0
C19orf23	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
CIRBP	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
C19orf24	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
EFNA2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
MUM1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
NDUFS7	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
GAMT	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
DAZAP1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
RPS15	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
APC2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
C19orf25	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
PCSK4	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
REEP6	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ADAMTSL5	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
PLK5P	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
MEX3D	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
MBD3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
UQCR	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TCF3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ONECUT3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ATP8B3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
REXO1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
KLF16	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
FAM108A1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
SCAMP4	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ADAT3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
CSNK1G2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
C19orf34	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
BTBD2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
MKNK2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
MOBKL2A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
C19orf36	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
AP3D1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
DOT1L	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
PLEKHJ1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
SF3A2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0

AMH	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
JSRP1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
OAZ1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
C19orf35	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
LINGO3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
LSM7	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
SPPL2B	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TMPRSS9	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TIMM13	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
LMNB2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
GADD45B	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
GNG7	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
DIRAS1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
SLC39A3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
SGTA	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
THOP1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ZNF554	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ZNF555	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ZNF556	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ZNF57	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ZNF77	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TLE6	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TLE2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
AES	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
GNA11	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
GNA15	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
S1PR4	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
NCLN	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
BRUNOL5	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
NFIC	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
LOC284422	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
DOHH	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
FZR1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
C19orf28	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
C19orf71	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
HMG20B	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
GIPC3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TBXA2R	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
C19orf29	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
PIP5K1C	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TJP3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
APBA3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
MRPL54	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
RAX2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
MATK	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ZFR2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ATCAY	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0

ITGB1BP3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
DAPK3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
EEF2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
SNORD37	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
PIAS4	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ZBTB7A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
MAP2K2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
CREB3L3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
SIRT6	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ANKRD24	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
EBI3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
CCDC94	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
SHD	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TMIGD2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
FSD1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
STAP2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
MPND	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
SH3GL1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
CHAF1A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
UBXN6	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
HDGF2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
KIAA1881	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
LSDP5	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
LRG1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
SEMA6B	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TNFAIP8L1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
C19orf10	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
DPP9	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
C19orf30	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
FEM1A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TICAM1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
M6PRBP1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ARRDC5	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
UHRF1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
KDM4B	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
PTPRS	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ZNRF4	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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SAFB2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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C19orf70	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
HSD11B1L	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
RPL36	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
LONP1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TMEM146	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
MGC24975	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
DUS3L	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0

NRTN	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
FUT6	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
FUT3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
FUT5	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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VMAC	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
CAPS	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
RANBP3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
RFX2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ACSBG2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
MLLT1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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ALKBH7	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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GTF2F1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
KHSRP	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
SLC25A41	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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CRB3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
DENND1C	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TUBB4	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TNFSF9	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
CD70	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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C3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
GPR108	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TRIP10	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
SH2D3A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
VAV1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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EMR4P	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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ZNF557	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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KIAA1543	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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PCP2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0

STXBP2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
RETN	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
C19orf59	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TRAPPC5	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
FCER2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
CLEC4G	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
CD209	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
CLEC4M	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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EVI5L	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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CTXN1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
TIMM44	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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FBN3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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KANK3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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PRAM1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
ZNF414	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	1	1	0
MYO1F	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	1	1	0
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OR2Z1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	1	1	0
ZNF558	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	1	1	0
MBD3L1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	1	1	0
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OR1M1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	1	1	0
OR7G2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	1	1	0
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ZNF559	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	1	1	0
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ZNF266	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	1	1	0
ZNF560	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	1	1	0
ZNF426	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	1	1	0
ZNF121	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	1	1	0
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ZNF562	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	1	1	0
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LOC388503	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
C3P1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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SNORD105	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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S1PR2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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CDC37	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	1	0
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KANK2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	1	1	1	2	2	0	0
DOCK6	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	1	1	1	2	2	0	0
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TSPAN16	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
RAB3D	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
TMEM205	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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LPPR2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
C19orf39	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
EPOR	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
RGL3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CCDC151	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
PRKCSH	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ELAVL3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ZNF653	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ECSIT	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CNN1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ELOF1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ACP5	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ZNF627	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ZNF833	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ZNF823	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ZNF441	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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ZNF700	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ZNF763	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ZNF433	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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ZNF20	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ZNF625	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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ZNF442	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0

ZNF799	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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ZNF564	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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MAN2B1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
MORG1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
C19orf56	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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FBXW9	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
TNPO2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
SNORD41	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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ASNA1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
BEST2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
HOOK2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
JUNB	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
PRDX2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
RNASEH2A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
RTBDN	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
MAST1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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GCDH	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
SYCE2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
FARSA	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CALR	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
RAD23A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
GADD45GIP1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
DAND5	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
NFIX	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
LYL1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
TRMT1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
NACC1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
STX10	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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CACNA1A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CCDC130	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
MRI1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
C19orf53	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ZSWIM4	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
NANOS3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
C19orf57	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CC2D1A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
PODNL1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
C19orf72	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0

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RLN3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
IL27RA	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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SAMD1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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ASF1B	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
LPHN1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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DDX39	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
PKN1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
PTGER1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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EMR2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
OR7C1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
OR7A5	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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EPHX3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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CYP4F22	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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OR10H2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
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CYP4F2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CYP4F11	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
OR10H4	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
LOC126536	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
FLJ25328	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
TPM4	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
RAB8A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
HSH2D	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CIB3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
FAM32A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
AP1M1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
KLF2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
EPS15L1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CALR3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
C19orf44	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CHERP	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
SLC35E1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
MED26	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
C19orf42	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
TMEM38A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
NWD1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
SIN3B	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
F2RL3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CPAMD8	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
HAUS8	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
MYO9B	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
USE1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
OCEL1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
NR2F6	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
USHBP1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
C19orf62	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ANKLE1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ABHD8	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
MRPL34	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
DDA1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ANO8	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
GTPBP3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
PLVAP	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
BST2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
FAM125A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
NXNL1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
SLC27A1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
PGLS	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
FAM129C	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0

GLT25D1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
UNC13A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
MAP1S	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
FCHO1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
B3GNT3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
INSL3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
JAK3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
RPL18AP3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
RPL18A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
SNORA68	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
SLC5A5	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CCDC124	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
KCNN1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ARRDC2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
IL12RB1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
MAST3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
PIK3R2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
IFI30	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
MPV17L2	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
RAB3A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
PDE4C	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
KIAA1683	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
JUND	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
LSM4	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
PGPEP1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
GDF15	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
LRRC25	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
SSBP4	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ISYNA1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ELL	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
FKBP8	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
C19orf50	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
UBA52	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
C19orf60	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CRLF1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
TMEM59L	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
KLHL26	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CRTC1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
COMP	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
UPF1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
GDF1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
LASS1	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
COPE	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
DDX49	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
HOMER3	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
SFRS14	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ARMC6	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0

SLC25A42	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
TMEM161A	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
MEF2B	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
LOC729991-MI	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
LOC729991	2	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ANKRD27	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	0	0	0	0
RGS9BP	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	0	0	0	0
NUDT19	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	0	0	0	0
TDRD12	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	0	0	0	0
SLC7A9	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	0	0	0	0
CCDC123	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
C19orf40	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
RHPN2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
GPATCH1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
WDR88	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
LRP3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
SLC7A10	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
CEBPA	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
LOC80054	2	0	2	2	2	1	2	2	2	2	2	0	2	1	0	2	2	2	0	2	1	1	1	2	0	0	0
CEBPG	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
PEPD	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
CHST8	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
KCTD15	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
LSM14A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
KIAA0355	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
GPI	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
PDCD2L	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
UBA2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
WTIP	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
SCGBL	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
ZNF302	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
ZNF181	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
ZNF599	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
ZNF30	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
ZNF792	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
GRAMD1A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
SCN1B	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	0	0	0
HPN	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
LOC100128675	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
FXYD3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
LGI4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
FXYD1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
FXYD7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
FXYD5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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LSR	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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ZNF546	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
ZNF780B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
ZNF780A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
MAP3K10	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
TTC9B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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SERTAD1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
SERTAD3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
BLVRB	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
SPTBN4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
SHKBP1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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RAB4B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
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CYP2A6	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
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AXL	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
HNRNPUL1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
CCDC97	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
TGFB1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
B9D2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
TMEM91	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
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C19orf69	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
CEACAM21	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
CEACAM4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
CEACAM7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
CEACAM5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
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CEACAM3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
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POU2F2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
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ETHE1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
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ZNF283	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
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CEACAM20	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	1	2	2	0	0
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HSD17B14	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
PLEKHA4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
PPP1R15A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
TULP2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
NUCB1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
DHDH	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
BAX	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
FTL	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
GYS1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
RUVBL2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
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CGB	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
SNAR-G2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
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SNAR-G1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
CGB5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
CGB8	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0

CGB7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
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KCNA7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
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PPFIA3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
HRC	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
TRPM4	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
SLC6A16	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
CD37	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
TEAD2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
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FLT3LG	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
RPL13A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
RPL13AP5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
SNORD32A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
SNORD33	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
SNORD34	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
SNORD35A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
RPS11	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
SNORD35B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	1	2	2	0	0
FCGRT	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
RCN3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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TSKS	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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MED25	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
PTOV1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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AKT1S1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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ATF5	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
SIGLEC11	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
SIGLEC16	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
VRK3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
ZNF473	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
FLJ26850	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
SNAR-B2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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SNAR-D	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
C19orf41	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
MYH14	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
KCNC3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
NAPSB	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
NAPSA	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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MYBPC2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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JOSD2	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
ASPDH	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
LRRC4B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
SNAR-F	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
SYT3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
SHANK1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
CLEC11A	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
GPR32	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
ACPT	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
C19orf48	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
SNORD88B	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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KLK1	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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KLK7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
KLK8	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
KLK9	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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KLK11	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
KLK12	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
KLK13	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
KLK14	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
ATPBD3	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
SIGLEC9	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
SIGLEC7	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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CD33	2	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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CEACAM18	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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ZNF175	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	2	2	0	0
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U2AF2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	2	0	0
EPN1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	2	0	0
NLRP9	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	2	0	0
RFPL4A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	2	0	0
NLRP11	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	2	0	0
NLRP4	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	2	0	0
NLRP13	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	2	0	0
NLRP8	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	2	0	0
NLRP5	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	2	0	0
ZNF787	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	2	0	0
ZNF444	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	2	0	0
GALP	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	2	0	0
ZSCAN5B	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZSCAN5A	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF542	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF582	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF583	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF667	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF471	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZFP28	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF470	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF71	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF835	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZIM2	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
PEG3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
PEG3AS	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
MIMT1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
USP29	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZIM3	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
DUXA	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0

ZNF264	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
AURKC	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF805	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF460	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF543	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF304	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
TRAPPC2P1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF547	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF548	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF17	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF749	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
VN1R1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF772	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF419	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF773	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF549	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF550	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF416	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZIK1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF530	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF134	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF211	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZSCAN4	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF551	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF154	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF671	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF776	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF586	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF552	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
FKBP1P1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF587	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF814	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF417	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF418	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF256	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
C19orf18	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF606	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZSCAN1	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF135	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZSCAN18	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF329	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF274	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF544	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF8	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZSCAN22	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
A1BG	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
FLJ23569	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0

ZNF497	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF837	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
RPS5	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF584	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF132	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF324B	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF324	2	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZNF446	2	0	2	0	2	0	2	0	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
SLC27A5	2	0	2	0	2	0	2	0	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
ZBTB45	2	0	2	0	2	0	2	0	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
TRIM28	2	0	2	0	2	0	2	0	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
CHMP2A	2	0	2	0	2	0	2	0	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
UBE2M	2	0	2	0	2	0	2	0	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
LOC100131691	2	0	2	0	2	0	2	0	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
MZF1	2	0	2	0	2	0	2	0	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
MGC2752	2	0	0	0	0	0	2	0	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	2	0	0	0
FERMT1	1	0	0	0	1	1	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
BMP2	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
HAO1	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
TMX4	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
PLCB1	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
PLCB4	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
C20orf103	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
PAK7	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
ANKRD5	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
SNAP25	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
MKKS	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
C20orf94	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
JAG1	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
BTBD3	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	1	2	2	0	2	2	2	0	0	1	2	2
SPTLC3	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	1	2	2	0	2	2	2	0	0	1	2	2
ISM1	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	1	2	2	0	2	2	2	0	0	1	2	2
TASP1	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	1	2	2	0	2	2	2	0	0	1	2	2
ESF1	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	1	2	2	0	2	2	2	0	0	1	2	2
C20orf7	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	1	2	2	0	2	2	2	0	0	1	2	2
SEL1L2	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	1	2	2	0	2	2	2	0	0	1	2	2
MACROD2	1	0	0	0	1	1	1	1	0	1	0	0	2	0	0	1	2	2	0	2	1	2	2	0	1	2	2
FLRT3	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	1	2	2	0	2	2	2	0	0	1	2	2
KIF16B	1	0	0	0	1	1	1	0	0	1	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
SNRPB2	1	0	0	0	1	1	0	0	0	1	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
OTOR	1	0	0	0	1	1	0	0	0	1	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
PCSK2	1	0	0	0	1	1	0	0	0	1	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
SEC23B	2	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
LOC388789	2	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
DTD1	2	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
HSPC072	2	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
LOC100270804	2	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2

C20orf79	2	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
SLC24A3	2	0	0	0	1	1	0	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
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SSTR4	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
THBD	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
CD93	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
NXT1	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
GZF1	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
NAPB	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
CSTL1	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
CST11	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
CST8	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
LOC164380	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
CST9L	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
CST9	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
CST3	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
CST4	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
CST1	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
CST2	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
CST5	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
GGTLC1	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
C20orf39	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
CST7	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
C20orf3	2	0	0	0	2	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
ACSS1	2	0	0	0	2	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
VSX1	2	0	0	0	2	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
LOC284798	2	0	0	0	2	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
ENTPD6	2	0	0	0	2	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
PYGB	2	0	0	0	2	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
ABHD12	2	0	0	0	2	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
GINS1	2	0	0	0	2	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
NLP	2	0	0	0	2	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	0	2	2
NANP	2	0	0	0	2	2	2	0	0	0	0	0	2	0	0	0	2	2	2	2	2	2	2	0	0	2	2
ZNF337	2	0	0	0	2	2	0	0	0	0	0	0	2	0	0	0	2	2	2	2	2	2	2	0	0	2	2
FAM182B	2	0	0	0	2	2	0	0	0	0	0	0	2	0	0	0	2	2	2	0	2	2	0	0	0	2	2
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FAM182A	2	0	0	0	2	2	0	0	0	0	0	0	2	0	0	0	2	2	2	0	2	2	0	0	0	2	2
C20orf191	2	0	0	0	2	2	0	0	0	0	0	0	2	0	0	0	2	2	2	0	2	2	0	0	0	2	2
DEFB118	2	0	2	0	2	2	0	2	0	2	2	0	2	2	0	0	2	2	2	0	2	2	2	2	0	2	2
DEFB119	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	0	2	2
DEFB121	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	0	2	2
DEFB122	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	0	2	2
DEFB123	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	0	2	2
DEFB124	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	0	2	2
REM1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2
NCRNA00028	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2
HM13	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2

PSIMCT-1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
ID1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
COX4I2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
BCL2L1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
TPX2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
MYLK2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
FOXS1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
DUSP15	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
TTLL9	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
PDRG1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
XKR7	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf160	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
HCK	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
TM9SF4	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
TSPYL3	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
PLAGL2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
POFUT1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
KIF3B	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ASXL1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf112	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
LOC284805	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
COMMD7	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DNMT3B	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MAPRE1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
EFCAB8	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SPAG4L	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BPIL1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BPIL3	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf185	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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C20orf70	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BASE	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf71	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PLUNC	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf114	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CDK5RAP1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SNTA1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CBFA2T2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
NECAB3	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf144	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf134	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
E2F1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PXMP4	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ZNF341	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CHMP4B	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
RALY	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
EIF2S2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

ASIP	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
AHCY	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ITCH	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DYNLRB1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MAP1LC3A	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PIGU	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TP53INP2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
NCOA6	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
HMGB3L1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
GGT7	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ACSS2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
GSS	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MYH7B	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TRPC4AP	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
EDEM2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PROCR	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MMP24	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
EIF6	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
FAM83C	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
UQCC	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
GDF5	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CEP250	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf173	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ERGIC3	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
FER1L4	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SPAG4	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CPNE1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
RBM12	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
NFS1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ROMO1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
RBM39	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PHF20	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SCAND1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf152	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
LOC647979	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
EPB41L1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf4	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DLGAP4	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MYL9	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TGIF2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf24	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SLA2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
NDRG3	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DSN1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf117	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf118	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SAMHD1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

RBL1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf132	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
RPN2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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RNF114	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SNAI1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

UBE2V1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TMEM189-UBE	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TMEM189	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CEBPB	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PTPN1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
FAM65C	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PARD6B	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BCAS4	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ADNP	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DPM1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MOCS3	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
KCNG1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
NFATC2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ATP9A	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SALL4	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ZFP64	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TSHZ2	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ZNF217	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SUMO1P1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BCAS1	2	0	2	2	2	2	2	2	2	2	2	0	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
CYP24A1	2	0	2	0	2	2	1	2	0	2	2	0	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
PFDN4	2	0	2	0	2	2	1	2	0	2	2	0	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
DOK5	2	0	2	0	2	2	1	2	0	2	2	0	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
CBLN4	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MC3R	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf108	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
AURKA	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CSTF1	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CASS4	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf43	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
GCNT7	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf106	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf107	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TFAP2C	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BMP7	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SPO11	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
RAE1	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
RBM38	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
HMGB1L1	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CTCFL	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PCK1	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ZBP1	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PMEPA1	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf85	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PPP4R1L	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
RAB22A	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
VAPB	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

APCDD1L	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STX16	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
NPEPL1	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
GNASAS	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
GNAS	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TH1L	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CTSZ	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TUBB1	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ATP5E	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SLMO2	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ZNF831	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
EDN3	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PHACTR3	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SYCP2	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PPP1R3D	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf177	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CDH26	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C20orf197	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CDH4	2	0	2	0	2	2	2	2	0	1	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAF4	2	0	2	0	2	2	2	2	0	1	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
LSM14B	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
PSMA7	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
SS18L1	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
GTPBP5	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
HRH3	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
OSBPL2	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
ADRM1	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
LAMA5	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
RPS21	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
CABLES2	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
C20orf151	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
GATA5	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
C20orf200	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
C20orf166	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
SLCO4A1	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
LOC100127888	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
NTSR1	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
C20orf20	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
OGFR	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
COL9A3	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
TCFL5	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
DPH3B	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
DIDO1	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
C20orf11	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
SLC17A9	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
BHLHE23	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
HAR1B	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2

HAR1A	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
YTHDF1	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
BIRC7	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
NKAIN4	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
FLJ16779	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
ARFGAP1	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
COL20A1	2	0	2	0	2	2	2	2	0	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
CHRNA4	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
KCNQ2	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
EEF1A2	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
C20orf149	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
PTK6	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
SRMS	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
C20orf195	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
PRIC285	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
GMEB2	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
STMN3	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
RTEL1	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
TNFRSF6B	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
ARFRP1	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
ZGPAT	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
LIME1	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
SLC2A4RG	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
ZBTB46	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
C20orf135	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
TPD52L2	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
DNAJC5	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
UCKL1	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	2	2	2	2	2
UCKL1OS	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2
ZNF512B	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2
SAMD10	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2
PRPF6	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2
PRR17	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2
SOX18	2	0	2	0	2	2	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2
TCEA2	2	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	0	0
RGS19	2	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	0	0
OPRL1	2	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	0	0
C20orf201	2	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	2	2	2	2	2	0	0	2	2	0	0
NPBWR2	2	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	0	2	2	0	0
MYT1	2	0	2	0	2	0	2	2	0	2	2	0	2	0	0	2	0	2	2	2	2	0	0	0	2	0	0
C21orf99	1	0	0	0	0	0	1	0	0	1	1	0	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0
POTED	1	0	0	0	0	0	1	0	0	1	1	0	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0
LOC441956	1	0	0	0	0	0	1	0	0	1	1	0	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0
C21orf15	1	0	0	0	0	0	1	0	0	1	1	0	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0
C21orf81	1	0	0	0	0	0	1	0	0	1	1	0	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0
LIPI	1	0	0	0	0	0	1	0	1	1	1	0	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0
RBM11	1	0	0	0	0	0	1	0	1	1	1	0	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0

ABCC13	1	0	0	0	0	0	1	0	1	1	1	0	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0
HSPA13	1	0	0	0	0	0	1	0	1	1	1	0	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0
SAMSN1	1	0	0	0	0	0	1	0	1	1	1	0	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0
NRIP1	1	0	0	0	0	0	1	0	1	1	1	0	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0
USP25	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	0	0	1	0	0	1	0	1	1	0	0
C21orf34	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	0	0	1	0	0	1	0	1	1	0	0
CXADR	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	0	0	1	0	0	1	0	1	1	0	0
BTG3	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	0	0	1	0	0	1	0	1	1	0	0
C21orf91	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	0	0	1	0	0	1	0	1	1	0	0
NCRNA00157	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	0	0	1	0	0	1	0	1	1	0	0
CHODL	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	0	0	1	0	0	1	0	1	1	0	0
PRSS7	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	0	0	1	0	0	1	0	1	1	0	0
C21orf131	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	0	0	1	0	0	1	0	1	1	0	0
NCAM2	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	0	0	1	0	0	1	0	1	1	0	0
NCRNA00158	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
MIRHG2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
C21orf71	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
MRPL39	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
JAM2	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
ATP5J	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
GABPA	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
APP	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
CYYR1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
ADAMTS1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
ADAMTS5	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
NCRNA00113	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
C21orf94	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
NCRNA00161	1	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
N6AMT1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
RNF160	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
RWDD2B	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
USP16	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
CCT8	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
C21orf7	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
C21orf109	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
BACH1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
C21orf41	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
GRIK1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	0
NCRNA00110	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
CLDN17	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
CLDN8	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP24-1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP25-1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP26-1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP27-1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP23-1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP13-2	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0

KRTAP13-1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP13-3	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP13-4	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP15-1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP19-1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP19-2	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP19-3	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP19-4	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP19-5	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP19-6	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP19-7	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP6-3	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP6-2	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP22-1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP6-1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP20-1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP20-4	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP20-2	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP20-3	1	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0
KRTAP21-2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0
KRTAP21-1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0
KRTAP8-1	1	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0
KRTAP7-1	1	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0
KRTAP11-1	1	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0
KRTAP19-8	1	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0
TIAM1	1	0	0	0	0	0	1	2	0	0	2	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0
SOD1	1	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0
SFRS15	1	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0
HUNK	1	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0
NCRNA00159	1	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0
C21orf45	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	0	0	1	0	1	1	0	0
MRAP	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	0	0	1	0	1	1	0	0
URB1	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	0	0	1	0	1	1	0	0
SNORA80	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	0	0	1	0	1	1	0	0
C21orf119	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	0	0	1	0	1	1	0	0
C21orf63	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	0	0	1	0	1	1	0	0
TCP10L	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	0	0	1	0	1	1	0	0
C21orf59	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	0	0	1	0	1	1	0	0
SYNJ1	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	0	0	1	0	1	1	0	0
C21orf66	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	0	0	1	0	1	1	0	0
C21orf49	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
C21orf62	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
OLIG2	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
OLIG1	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
C21orf54	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
IFNAR2	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
IL10RB	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0

IFNAR1	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
IFNGR2	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
TMEM50B	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
DNAJC28	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
GART	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
SON	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
DONSON	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
CRYZL1	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
ITSN1	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
ATP5O	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
MRPS6	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
SLC5A3	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
C21orf82	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
KCNE2	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
FAM165B	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
KCNE1	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
RCAN1	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
CLIC6	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
NCRNA00160	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
RUNX1	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
C21orf96	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
SETD4	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
CBR1	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
CBR3	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
CBR1	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
CBR3	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
DOPEY2	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
MORC3	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
CHAF1B	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
CLDN14	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
SIM2	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	0	0	0	2	0	1	0	1	1	0	0
HLCS	1	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
DSCR6	1	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
PIGP	1	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
TTC3	1	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
DSCR9	1	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
DSCR3	1	0	0	0	0	0	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
DYRK1A	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
KCNJ6	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
DSCR4	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
DSCR8	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
KCNJ15	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
ERG	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
NCRNA00114	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
ETS2	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
PSMG1	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
BRWD1	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
HMGN1	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
WRB	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0

LCA5L	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
SH3BGR	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
C21orf88	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
B3GALT5	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
IGSF5	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
PCP4	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
DSCAM	1	0	0	0	0	0	1	2	0	0	2	0	2	0	2	0	0	0	0	2	0	1	0	1	1	0	0
C21orf130	1	0	0	0	0	0	0	2	0	0	2	0	2	0	2	2	0	0	0	2	0	1	0	1	0	0	0
BACE2	1	0	0	0	0	0	0	2	0	0	2	0	2	0	2	2	0	0	0	2	0	1	0	1	0	0	0
PLAC4	1	0	0	0	0	0	0	2	0	0	2	0	2	0	2	2	0	0	0	2	0	1	0	1	0	0	0
FAM3B	1	0	0	0	0	0	0	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	1	0	0	0
PWP2	2	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
C21orf33	2	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
ICOSLG	2	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
DNMT3L	2	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
AIRE	2	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
PFKL	2	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
C21orf2	2	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
TRPM2	2	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
IL17RA	2	0	0	2	0	0	2	0	2	2	2	0	2	0	0	2	0	0	0	2	0	1	0	2	2	0	2
CECR6	2	0	0	2	0	0	2	0	2	2	2	0	2	0	0	2	0	0	0	2	0	1	0	2	2	0	2
CECR5	2	0	0	2	0	0	2	0	2	2	2	0	2	0	0	2	0	0	0	2	0	1	0	2	2	0	2
CECR4	2	0	0	2	0	0	2	0	2	2	2	0	2	0	0	2	0	0	0	2	0	1	0	2	2	0	2
CECR1	2	0	0	2	0	0	2	0	2	2	2	0	2	0	0	2	0	0	0	2	0	1	0	2	2	0	2
CECR2	2	0	0	2	0	0	2	0	2	2	2	0	2	0	0	2	0	0	2	2	0	1	0	2	2	0	2
SLC25A18	2	0	0	2	0	0	2	0	2	2	2	0	2	0	1	2	0	0	2	2	0	1	0	2	2	0	2
ATP6V1E1	2	0	0	2	0	0	2	0	2	2	2	0	2	0	1	2	0	0	2	2	0	1	0	2	2	0	2
BCL2L13	2	0	0	2	0	0	2	0	2	2	2	0	2	0	1	2	0	0	2	2	0	1	0	2	2	0	2
BID	2	0	0	2	0	0	2	0	2	2	2	0	2	0	1	2	0	0	2	2	0	1	0	2	2	0	2
MICAL3	2	0	0	2	0	0	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
FLJ41941	2	0	0	2	0	0	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
PEX26	2	0	0	2	0	0	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
TUBA8	2	0	0	2	0	0	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
USP18	2	0	0	2	0	0	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
GGT3P	2	0	0	2	0	0	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
DGCR6	2	0	0	2	0	0	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
PRODH	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
DGCR5	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
DGCR9	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
DGCR10	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
DGCR2	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
DGCR11	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
DGCR14	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
TSSK2	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
GSC2	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
SLC25A1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
CLTCL1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2

HIRA	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
MRPL40	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
C22orf39	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
UFD1L	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
CDC45L	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
CLDN5	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
LOC150185	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
5-Sep	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
GP1BB	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
TBX1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
GNB1L	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
C22orf29	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
TXNRD2	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
COMT	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
ARVCF	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
C22orf25	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
DGCR8	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
TRMT2A	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
RANBP1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
ZDHHC8	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
LOC150197	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
RTN4R	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
DGCR6L	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
PI4KAP1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
RIMBP3	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
ZNF74	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
SCARF2	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
KLHL22	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
MED15	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
POM121L4P	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
TMEM191A	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
PI4KA	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
SERPIND1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
SNAP29	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
CRKL	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
AIFM3	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
LZTR1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
THAP7	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
FLJ39582	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
MGC16703	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
P2RX6	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
SLC7A4	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
P2RX6P	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
LOC400891	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
POM121L8P	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
RIMBP3C	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
RIMBP3B	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2

HIC2	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
PI4KAP2	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
UBE2L3	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
YDJC	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
CCDC116	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
SDF2L1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
PPIL2	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
YPEL1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
MAPK1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
PPM1F	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
TOP3B	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
VPREB1	2	0	0	2	0	1	1	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
LOC96610	2	0	0	2	0	1	1	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
ZNF280B	2	0	0	2	0	1	1	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
ZNF280A	2	0	0	2	0	1	1	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
PRAME	2	0	0	2	0	1	1	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
LOC648691	2	0	0	2	0	1	1	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
POM121L1P	2	0	0	2	0	1	1	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
GGTLC2	2	0	0	2	0	1	1	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
RTDR1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
GNAZ	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
RAB36	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
BCR	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
ZDHHC8P	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
IGLL1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
C22orf43	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
LOC91316	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
RGL4	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
ZNF70	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
VPREB3	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
C22orf15	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
CHCHD10	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
MMP11	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
SMARCB1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	1	2	2	0	2
DERL3	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
SLC2A11	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
MIF	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
GSTT2	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
GSTT2B	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
DDTL	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
DDT	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
GSTTP1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
LOC391322	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
GSTT1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
GSTTP2	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
CABIN1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
SUSD2	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2

GGT5	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
POM121L9P	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
CYTSA	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
ADORA2A	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
UPB1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
C22orf13	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
SNRPD3	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
GGT1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
C22orf36	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
LOC644165	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
POM121L10P	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
PIWIL3	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
TOP1P2	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
SGSM1	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
TMEM211	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
KIAA1671	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
CRYBB3	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
CRYBB2	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
IGLL3	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
LRP5L	2	0	0	2	0	1	2	0	2	2	2	0	2	0	1	2	0	2	2	2	0	1	0	2	2	0	2
ADRBK2	2	0	0	2	0	1	2	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
MYO18B	2	0	0	2	0	1	2	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
SEZ6L	2	0	0	2	0	1	2	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
ASPHD2	2	0	0	2	0	1	2	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
HPS4	2	0	0	2	0	1	2	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
SRRD	2	0	0	2	0	1	2	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
TFIP11	2	0	0	2	0	1	2	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
TPST2	2	0	0	2	0	1	2	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
CRYBB1	2	0	0	2	0	1	2	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
CRYBA4	2	0	0	2	0	1	2	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
MIAT	2	0	0	2	0	1	2	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
MN1	2	0	0	2	0	1	2	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
PITPNB	2	0	0	2	0	1	1	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
LOC284900	2	0	0	2	0	1	1	0	2	2	2	0	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
TTC28	2	0	0	2	0	1	1	0	2	2	2	2	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
CHEK2	2	0	0	2	0	1	1	0	2	2	2	2	2	2	1	2	0	2	2	2	0	1	0	2	2	0	2
HSCB	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
CCDC117	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
XBP1	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
ZNRF3	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
C22orf31	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
KREMEN1	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
EMID1	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
RHBDD3	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
EWSR1	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
GAS2L1	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
RASL10A	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2

AP1B1	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
SNORD125	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
RFPL1S	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
RFPL1	2	0	0	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
NEFH	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
THOC5	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
NIPSNAP1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
NF2	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
CABP7	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
ZMAT5	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
UCRC	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
ASCC2	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
MTMR3	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
HORMAD2	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
LIF	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
OSM	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
GATSL3	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
TBC1D10A	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
SF3A1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
CCDC157	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
RNF215	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	1	2	2	2	2	1	0	2	2	0	2
SEC14L2	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	1	2	2	2	2	1	0	2	2	0	2
MTP18	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
SEC14L3	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
SDC4P	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
SEC14L4	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
GAL3ST1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
PES1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
TCN2	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
SLC35E4	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
DUSP18	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
OSBP2	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
C22orf27	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
MORC2	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
TUG1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
SMTN	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
SELM	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
INPP5J	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
PLA2G3	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
RNF185	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
LIMK2	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
PIK3IP1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
PATZ1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
DRG1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
EIF4ENIF1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
SFI1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	1
PISD	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	1

C22orf30	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	1
DEPDC5	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	1
C22orf24	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	1
YWHAH	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	1
SLC5A1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	1
C22orf42	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
RFPL2	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
SLC5A4	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
RFPL3	2	0	2	2	0	1	1	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
RFPL3S	2	0	2	2	0	1	1	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
C22orf28	2	0	2	2	0	1	1	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
BPIL2	2	0	2	2	0	1	1	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
FBXO7	2	0	2	2	0	1	1	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
SYN3	2	0	2	2	0	1	1	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
TIMP3	2	0	2	2	0	1	1	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
LARGE	2	0	2	2	0	1	1	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
ISX	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
HMGXB4	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
TOM1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
HMOX1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
MCM5	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
RASD2	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
MB	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
APOL6	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
APOL5	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
RBM9	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
APOL3	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	0	2	2	2	2	1	0	2	2	0	2
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APOL1	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	1	2	2	2	2	1	0	2	2	0	2
MYH9	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	1	2	2	2	2	1	0	2	2	0	2
TXN2	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	1	2	2	2	2	1	0	2	2	0	2
FOXRED2	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	1	2	2	2	2	1	0	2	2	0	2
EIF3D	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	1	2	2	2	2	1	0	2	2	0	2
CACNG2	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	1	2	2	2	2	1	0	2	2	0	2
RABL4	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	1	2	2	2	2	1	0	2	2	0	2
PVALB	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	1	2	2	2	2	1	0	2	2	0	0
NCF4	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	1	2	2	2	2	1	0	2	2	0	0
CSF2RB	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	1	2	2	2	2	1	0	2	2	0	1
C22orf33	2	0	2	2	0	1	2	0	2	2	2	2	2	2	1	2	1	2	2	2	2	1	0	2	2	0	1
TST	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
MPST	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
KCTD17	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
TMPRSS6	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
IL2RB	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
C1QTNF6	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
SSTR3	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1

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CYTH4	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
ELFN2	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
MFNG	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
CARD10	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
CDC42EP1	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
LGALS2	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
GGA1	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
SH3BP1	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
PDXP	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
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NOL12	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
TRIOBP	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
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GALR3	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
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EIF3L	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
MICALL1	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
C22orf23	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
POLR2F	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
SOX10	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
PICK1	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
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TMEM184B	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
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KDELR3	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
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DMC1	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
CBY1	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
TOMM22	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
JOSD1	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
GTPBP1	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
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DNAL4	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
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CBX6	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
APOBEC3A	2	0	2	2	0	1	1	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
APOBEC3B	2	0	2	2	0	1	1	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
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APOBEC3G	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
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CBX7	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
PDGFB	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
RPL3	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
SNORD83B	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
SNORD83A	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
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SMCR7L	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
ATF4	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
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SGSM3	2	0	2	2	0	1	1	0	2	2	2	2	2	0	1	2	1	2	2	2	2	2	0	2	2	0	2
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L3MBTL2	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	2
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TEF	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	2
TOB2	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	2
PHF5A	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	2
ACO2	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	2
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NHP2L1	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	0
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CYP2D6	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
CYP2D7P1	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
TCF20	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
NFAM1	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
SERHL	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
RRP7A	2	0	2	2	0	1	2	0	2	2	2	2	2	0	1	2	1	2	2	2	2	1	0	2	2	0	1
SERHL2	2	0	2	2	0	1	2	0	2	2	2	2	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
RRP7B	2	0	2	2	0	1	2	0	2	2	2	2	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
POLDIP3	2	0	2	2	0	1	2	0	2	2	2	2	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
CYB5R3	2	0	2	2	0	1	2	0	2	2	2	2	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
A4GALT	2	0	2	2	0	1	2	0	2	2	2	2	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
ARFGAP3	2	0	2	2	0	1	2	0	2	2	2	2	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
PACSIN2	2	0	2	2	0	1	2	0	2	2	2	2	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
TTLL1	2	0	2	2	0	1	2	0	2	2	2	2	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
BIK	2	0	2	2	0	1	2	0	2	2	2	2	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
MCAT	2	0	2	2	0	1	2	0	2	2	2	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
TSPO	2	0	2	2	0	1	2	0	2	2	2	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
TTLL12	2	0	2	2	0	1	2	0	2	2	2	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
SCUBE1	2	0	2	2	0	1	2	0	2	2	2	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
MPPED1	2	0	2	2	0	1	2	0	2	2	2	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	1
EFCAB6	2	0	2	2	0	1	1	0	2	2	2	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
SULT4A1	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
PNPLA5	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
PNPLA3	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
SAMM50	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
PARVB	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
PARVG	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
KIAA1644	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
LDOC1L	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
LOC388910	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
PRR5	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
LOC553158	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
ARHGAP8	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
PHF21B	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
NUP50	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
C22orf9	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
UPK3A	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2

FAM118A	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
SMC1B	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	2	1	0	2	2	0	2
RIBC2	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	0	1	0	2	2	0	2
FBLN1	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	0	1	0	2	2	0	1
ATXN10	2	0	2	2	0	1	2	0	2	2	0	0	0	0	1	2	1	2	2	2	0	1	0	2	2	0	1
WNT7B	2	0	2	2	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
LOC730668	2	0	2	2	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
LOC100271722	2	0	2	2	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
C22orf26	2	0	2	2	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
LOC150381	2	0	2	2	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
LOC400931	2	0	2	2	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
PPARA	2	0	2	0	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
C22orf40	2	0	2	0	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
PKDREJ	2	0	2	0	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
TTC38	2	0	2	0	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
CN5H6.4	2	0	2	0	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
GTSE1	2	0	2	0	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
TRMU	2	0	2	0	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
CELSR1	2	0	2	0	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
GRAMD4	2	0	2	0	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
CERK	2	0	2	0	0	1	2	0	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
TBC1D22A	2	0	2	0	0	1	2	1	2	2	0	0	0	1	1	2	1	2	2	2	0	1	0	2	2	0	1
FAM19A5	2	0	2	0	0	1	2	1	0	0	0	0	0	1	1	2	1	2	2	2	0	1	1	2	2	0	1
C22orf34	2	0	2	0	0	1	2	0	0	0	0	0	0	1	1	2	1	2	2	2	0	1	1	2	2	0	1
BRD1	2	0	2	0	0	1	2	0	0	0	0	0	0	1	1	2	1	2	2	2	0	1	1	2	2	0	1
LOC90834	2	0	2	0	0	1	2	0	0	0	0	0	0	1	1	2	1	2	2	2	0	1	1	2	2	0	1
ZBED4	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	0	1	1	2	2	0	1
ALG12	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	0	1	1	2	2	0	1
CRELD2	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	1	1	1	2	2	0	1
PIM3	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	0	1	1	2	2	0	1
IL17REL	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	0	1	1	2	2	0	1
TTLL8	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	0	1	1	2	2	0	1
MLC1	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	0	1	1	2	2	0	1
MOV10L1	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	1	1	1	2	2	0	1
PANX2	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	1	1	1	2	2	0	1
TRABD	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	1	1	1	2	2	0	1
SELO	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	1	1	1	2	2	0	1
TUBGCP6	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	1	1	1	2	2	0	1
HDAC10	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	1	1	1	2	2	0	1
MAPK12	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	1	1	1	2	2	0	1
MAPK11	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	1	1	1	2	2	0	1
PLXNB2	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	1	1	1	2	2	0	1
SAPS2	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	0	1	1	2	2	0	1
SBF1	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	1	2	2	2	0	1	1	2	2	0	1
ADM2	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	0	2	2	2	0	1	1	2	2	0	1
MIOX	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	0	2	2	2	0	1	1	2	2	0	1
LMF2	2	0	2	0	0	1	2	0	0	0	0	0	0	1	0	2	0	2	2	2	0	1	1	2	2	0	1

NCAPH2	2	0	2	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	2	0	1
SCO2	2	0	2	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	2	0	1
TYMP	2	0	2	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	2	0	1
ODF3B	2	0	2	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	2	0	1
KLHDC7B	2	0	2	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	2	0	1
C22orf41	2	0	2	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	2	0	1
CPT1B	2	0	2	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	2	0	1
CHKB	2	0	2	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	2	0	1
LOC100144603	2	0	2	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	2	0	1
MAPK8IP2	2	0	2	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	2	0	1
ARSA	2	0	2	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	2	0	1
SHANK3	2	0	2	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	2	0	1
ACR	2	0	0	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	2	0	1
RPL23AP82	2	0	0	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	0	0	0
RABL2B	2	0	0	0	0	1	2	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	2	0	0	0
NLGN4X	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
VCX3A	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
HDHD1A	1	1	2	0	1	0	1	1	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
STS	1	1	2	0	1	0	1	1	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
VCX	1	1	2	0	1	0	1	1	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PNPLA4	1	1	2	0	1	0	1	1	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
VCX2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
VCX3B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
KAL1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
FAM9A	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
FAM9B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
TBL1X	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
GPR143	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SHROOM2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
WWC3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CLCN4	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MID1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
HCCS	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ARHGAP6	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
AMELX	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MSL3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
FRMPD4	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PRPS2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
TLR7	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
TLR8	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
TMSB4X	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
FAM9C	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ATXN3L	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
EGFL6	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
TCEANC	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
RAB9A	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
TRAPPC2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0

OFD1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
GPM6B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
GEMIN8	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
GLRA2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
FANCB	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MOSPD2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ASB9	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ASB11	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PIGA	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
FIGF	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PIR	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
BMX	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ACE2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
TMEM27	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CA5BP	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CA5B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
INE2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ZRSR2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
AP1S2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
GRPR	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CTPS2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
S100G	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SYAP1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CXorf15	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
RBBP7	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
REPS2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
NHS	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SCML1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
RAI2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
BEND2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SCML2	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CDKL5	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
RS1	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PPEF1	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PHKA2	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
GPR64	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PDHA1	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MAP3K15	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SH3KBP1	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CXorf23	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
LOC729609	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MAP7D2	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
EIF1AX	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SCARNA9L	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
RPS6KA3	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CNKSR2	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
KLHL34	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0

SMPX	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MBTPS2	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
YY2	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SMS	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PHEX	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ZNF645	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
DDX53	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PTCHD1	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PRDX4	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ACOT9	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SAT1	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
APOO	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CXorf58	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
KLHL15	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
EIF2S3	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ZFX	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
FAM48B2	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
FAM48B1	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PDK3	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PCYT1B	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
POLA1	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SCARNA23	1	1	2	0	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ARX	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MAGEB18	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ARX	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MAGEB18	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MAGEB6	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
VENTXP1	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SMEK3P	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
WDR42C	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MAGEB10	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
WDR42B	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
IL1RAPL1	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	1	1	2	2	2	0	2	0	2	2	0
MAGEB2	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	1	1	2	2	2	0	2	0	2	2	0
MAGEB3	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	1	1	2	2	2	0	2	0	2	2	0
MAGEB4	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	1	1	2	2	2	0	2	0	2	2	0
MAGEB1	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	1	1	2	2	2	0	2	0	2	2	0
NR0B1	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	1	1	2	2	2	0	2	0	2	2	0
CXorf21	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	1	1	2	2	2	0	2	0	2	2	0
GK	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	1	1	2	2	2	0	2	0	2	2	0
MAP3K7IP3	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	1	1	2	2	2	0	2	0	2	2	0
FTHL17	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	1	1	2	2	2	0	2	0	2	2	0
DMD	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	1	1	2	2	2	0	2	0	2	2	0
FAM47A	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
TMEM47	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
FAM47B	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MAGEB16	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CXorf22	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CXorf59	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0

CXorf30	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
FAM47C	1	1	2	0	1	0	1	0	1	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PRRG1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
LANCL3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
XK	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CYBB	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
DYNLT3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CXorf27	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SYTL5	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SRPX	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
RPGR	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
OTC	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
TSPAN7	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MID1IP1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
BCOR	2	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ATP6AP2	2	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CXorf38	2	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MED14	2	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
USP9X	2	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
DDX3X	2	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
NYX	2	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CASK	1	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
GPR34	1	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
GPR82	1	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PPP1R2P9	1	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MAOA	1	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
MAOB	1	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
NDP	1	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
EFHC2	1	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
FUNDC1	1	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
DUSP21	1	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
KDM6A	1	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CXorf36	1	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ZNF673	1	1	2	2	1	0	1	2	0	1	0	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ZNF674	1	1	2	2	1	0	1	2	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
LOC401588	1	1	2	2	1	0	1	2	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CHST7	1	1	2	2	1	0	1	2	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SLC9A7	1	1	2	2	1	0	1	2	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
RP2	1	1	2	2	1	0	1	2	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PHF16	1	1	2	2	1	0	1	2	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SLC38A5	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
FTSJ1	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
PORCN	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
EBP	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
TBC1D25	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
RBM3	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
WDR13	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0

WAS	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
SUV39H1	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GLOD5	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GATA1	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
HDAC6	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
ERAS	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
PCSK1N	2	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
TIMM17B	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
PQBP1	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
SLC35A2	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
PIM2	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
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KCND1	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GRIPAP1	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
TFE3	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
CCDC120	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
PRAF2	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
WDR45	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GPKOW	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
MAGIX	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
PLP2	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
PRICKLE3	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
SYP	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
CACNA1F	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
CCDC22	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
FOXP3	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
PPP1R3F	2	1	2	2	1	0	2	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
CLCN5	1	1	2	2	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
AKAP4	1	1	2	2	1	0	1	0	0	1	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0
CCNB3	1	1	2	2	1	0	1	0	0	1	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0
DGKK	1	1	2	2	1	0	1	0	0	1	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0
SHROOM4	1	1	2	2	1	0	1	0	0	1	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0
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BMP15	1	1	2	2	1	0	1	0	0	1	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0
NUDT10	1	1	2	2	1	0	1	0	0	1	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0
CXorf67	1	1	2	2	1	0	1	0	0	1	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0
NUDT11	1	1	2	2	1	0	1	0	0	1	2	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0
GSPT2	1	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGED1	1	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGED4	1	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGED4B	1	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SNORA11E	1	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SNORA11D	1	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ALAS2	1	1	2	0	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PAGE2B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PAGE2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM104B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0

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PAGE3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGEH1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
USP51	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FOXR2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RRAGB	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
KLF8	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
UBQLN2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LOC550643	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LOC442454	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPIN3	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPIN2B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPIN2A	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAAH2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZXDB	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZXDA	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPIN4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LOC92249	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ARHGEF9	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM123B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ASB12	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MTMR8	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZC4H2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZC3H12B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LAS1L	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MSN	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
VSIG4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
HEPH	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
EDA2R	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
AR	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
OPHN1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
YIPF6	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
STARD8	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
EFNB1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PJA1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM155B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
EDA	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
AWAT2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
OTUD6A	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
IGBP1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
DGAT2L6	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
AWAT1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
HDAC8	1	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PHKA1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf50B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf50	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
DMRTC1B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0

DMRTC1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PABPC1L2B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PABPC1L2A	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NAP1L6	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NAP1L2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CDX4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CHIC1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TSIX	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
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LOC554203	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZCCHC13	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SLC16A2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RLIM	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
KIAA2022	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ABCB7	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
UPRT	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZDHHC15	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGEE2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf26	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGEE1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FGF16	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ATRX	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGT1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
COX7B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ATP7A	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PGAM4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PGK1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TAF9B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CYSLTR1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZCCHC5	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LPAR4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
P2RY10	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GPR174	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ITM2A	1	1	2	0	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TBX22	1	1	2	0	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM46D	1	1	2	0	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
BRWD3	1	1	2	0	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NSBP1	1	1	2	0	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SH3BGRL	1	1	2	0	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
POU3F4	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CYLC1	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RPS6KA6	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
HDX	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
UBE2DNL	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
APOOL	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SATL1	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZNF711	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0

POF1B	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CHM	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
DACH2	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
KLHL4	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CPXCR1	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TGIF2LX	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PABPC5	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PCDH11X	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NAP1L3	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM133A	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LOC643486	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
DIAPH2	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RPA4	1	1	2	1	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LOC442459	1	1	2	0	1	0	1	0	1	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PCDH19	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TNMD	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TSPAN6	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SRPX2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SYTL4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CSTF2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NOX1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
XKRX	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ARL13A	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TRMT2B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TMEM35	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CENPI	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
DRP2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TAF7L	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TIMM8A	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
BTK	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RPL36A	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GLA	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
HNRNPH2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ARMCX1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ARMCX6	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ARMCX3	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ARMCX2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NXF5	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZMAT1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TCEAL2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TCEAL6	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
BEX5	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NXF2B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NXF2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TMSB15A	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NXF4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ARMCX5	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0

GPRASP1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GPRASP2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
BHLHB9	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RAB40AL	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
BEX1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NXF3	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
BEX4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TCEAL8	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TCEAL5	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
BEX2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TCEAL7	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
WBP5	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NGFRAP1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RAB40A	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TCEAL4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TCEAL3	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TCEAL1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MORF4L2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GLRA4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TMEM31	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PLP1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RAB9B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TMSB15B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
H2BFXP	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
H2BFWT	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MCART6	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZCCHC18	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf39	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ESX1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
IL1RAPL2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TEX13A	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NRK	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SERPINA7	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MUM1L1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf57	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RNF128	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TBC1D8B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RIPPLY1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CLDN2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MORC4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RBM41	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NUP62CL	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf41	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PRPS1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TSC22D3	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MID2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TEX13B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0

VSIG1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PSMD10	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ATG4A	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
COL4A6	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
COL4A5	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
IRS4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GUCY2F	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NXT2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
KCNE1L	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ACSL4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TMEM164	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
AMMECR1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SNORD96B	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RGAG1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TDGF3	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CHRDL1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PAK3	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CAPN6	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
DCX	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ALG13	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TRPC5	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZCCHC16	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LHFPL1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
AMOT	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
HTR2C	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SNORA35	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
IL13RA2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LRCH2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RBMXL3	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LUZP4	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PLS3	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
AGTR2	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SLC6A14	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf61	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
KLHL13	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
WDR44	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
DOCK11	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
IL13RA1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZCCHC12	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LONRF3	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
KIAA1210	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PGRMC1	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SLC25A43	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SLC25A5	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf56	1	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
UBE2A	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NKRF	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0

6-Sep	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ANKRD58	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RPL39	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SNORA69	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
UPF3B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RNF113A	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NDUFA1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
AKAP14	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NKAP	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RHOXF2B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RHOXF2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RHOXF1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf42	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZBTB33	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM70A	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ATP1B4	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LAMP2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CUL4B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MCTS1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
C1GALT1C1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT47B1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT47A8	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT47A4	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT47A11	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT47A1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT47A5	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT47A2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT47A9	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT47A10	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT47A6	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT47A3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT47A7	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GLUD2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GRIA3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
THOC2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
XIAP	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
STAG2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SH2D1A	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ODZ1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
WDR40C	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	1	2	2	0
WDR40B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	1	2	2	0
CXorf64	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	1	2	2	0
ACTRT1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	1	2	2	0
SMARCA1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	1	2	2	0
OCRL	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
APLN	2	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
XPNPEP2	2	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0

SASH3	2	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZDHHC9	2	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
UTP14A	2	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
BCORL1	2	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ELF4	2	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
AIFM1	2	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RAB33A	2	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZNF280C	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SLC25A14	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GPR119	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RBMX2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ENOX2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FLJ30058	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
IGSF1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
OR13H1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LOC286467	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MST4	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FRMD7	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RAP2C	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MBNL3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
HS6ST2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
USP26	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TFDP3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GPC4	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0

GPC3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LOC347475	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PHF6	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
HPRT1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MGC16121	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PLAC1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM122B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM122C	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MOSPD1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM127C	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM127A	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM127B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NCRNA00087	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf48	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZNF75D	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZNF449	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NCRNA00086	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
DDX26B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT45A1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT45A4	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT45A2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT45A3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CT45A5	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0

CT45A6	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SAGE1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MMGT1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SLC9A6	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FHL1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAP7D3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GPR112	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
BRS3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
HTATSF1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
VGLL1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CD40LG	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ARHGEF6	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RBMX	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SNORD61	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GPR101	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZIC3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LOC158696	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FGF13	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
F9	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MCF2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ATP11C	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf66	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SOX3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RP1-177G6.2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CDR1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPANXB2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPANXB1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPANXF1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LDOC1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPANXC	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPANXA2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPANXA1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPANXE	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPANXD	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGEC3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGEC1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGEC2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPANXN4	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPANXN3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SLITRK4	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPANXN2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
UBE2NL	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPANXN1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SLITRK2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf51	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ASFMR1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0

FMR1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FMR1NB	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
AFF2	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
IDS	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LOC100131434	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf40A	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGEA9B	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGEA9	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
HSFX1	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TMEM185A	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGEA11	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGEA8	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf40B	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
LOC100272228	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAMLD1	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MTM1	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MTMR1	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CD99L2	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
HMGB3	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GPR50	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
VMA21	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PASD1	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PRRG3	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FATE1	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CNGA2	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGEA4	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GABRE	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGEA5	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGEA10	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GABRA3	1	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
HAUS7	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
BGN	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
ATP2B3	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
FAM58A	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
DUSP9	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
PNCK	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
SLC6A8	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
BCAP31	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
ABCD1	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
PLXNB3	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
SRPK3	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
IDH3G	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
SSR4	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
PDZD4	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
L1CAM	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
LCAP	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
AVPR2	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0

ARHGAP4	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
ARD1A	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
RENBP	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
HCFC1	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
TMEM187	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
IRAK1	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
MECP2	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
OPN1LW	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
OPN1MW	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
OPN1MW2	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
TEX28	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
TKTL1	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
FLNA	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
EMD	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
RPL10	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
SNORA70	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
DNASE1L1	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
TAZ	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
ATP6AP1	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
GDI1	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
FAM50A	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
PLXNA3	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
LAGE3	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
UBL4A	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
SLC10A3	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
FAM3A	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
G6PD	2	1	2	0	1	1	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
IKBKG	2	1	2	0	1	0	2	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
CXorf52	2	1	2	0	1	0	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
CXorf52B	2	1	2	0	1	0	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
CTAG1A	2	1	2	0	1	0	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
CTAG1B	2	1	2	0	1	0	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	1	0	2	2	2	0
F8	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
FUNDC2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
MTCP1NB	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
MTCP1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
BRCC3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
VBP1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0
RAB39B	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0
CLIC2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0
H2AFB1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
H2AFB3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
H2AFB2	1	1	0	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0
F8A1	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
F8A2	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
F8A3	1	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
TMLHE	1	1	0	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0

PCDH11Y	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY23	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
LOC100101121	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TSPY2	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
LOC100101116	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY1	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY2	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
LOC100101117	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY21	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
LOC100101115	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY7	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
LOC100101120	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
LOC100101118	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY8	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
AMELY	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TBL1Y	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
PRKY	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY16	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY12	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY18	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY19	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY11	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
RBMY1A3P	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY20	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
CYorf16	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TSPY3	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TSPY1	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
RBMY3AP	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY22	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY15	2	0	0	0	2	0	2	0	2	2	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
USP9Y	2	0	0	0	2	0	2	0	2	2	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
DDX3Y	2	0	0	0	2	0	2	0	2	2	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
UTY	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
TMSB4Y	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
VCY1B	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
VCY	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
NLGN4Y	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
LOC401629	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
LOC401630	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
XKRY2	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
XKRY	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
CDY2B	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
CDY2A	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
HSFY2	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
HSFY1	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
TTTY9A	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
TTTY9B	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1

CYorf14	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
TTTY14	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
CD24	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
BCORL2	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
CYorf15A	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
CYorf15B	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
KDM5D	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
TTTY10	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
EIF1AY	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
RPS4Y2	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
RBMY2EP	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
RBMY1B	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
RBMY1A1	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
RBMY1E	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
TTTY13	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
TTTY6	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
RBMY1D	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
PRY	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
PRY2	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
TTTY6B	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
RBMY1J	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
RBMY1F	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
TTTY5	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
RBMY2FP	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY17A	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY17B	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY17C	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY4	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY4C	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY4B	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
BPY2C	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
BPY2B	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
BPY2	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
DAZ1	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
DAZ4	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
DAZ2	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
DAZ3	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY3	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TTTY3B	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
CDY1	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
CDY1B	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
CSPG4LYP2	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
CSPG4LYP1	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
GOLGA2LY1	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
GOLGA2LY2	2	0	0	0	2	0	2	0	2	2	2	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
RNASEN	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	1	0	0	0
C5orf22	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	1	0	0	0

PDZD2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	1	0	0	0
GOLPH3	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	1	0	0	0
MTMR12	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	1	0	0	0
ZFR	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
SUB1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
NPR3	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
C5orf23	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
TARS	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
ADAMTS12	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
RXFP3	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
SLC45A2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
AMACR	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
C1QTNF3	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
RAI14	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
TTC23L	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
RAD1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
BXDC2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
DNAJC21	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
AGXT2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
PRLR	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
SPEF2	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
IL7R	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
CAPSL	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
UGT3A1	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
UGT3A2	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
LMBRD2	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
SKP2	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
C5orf33	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
RANBP3L	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
SLC1A3	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
NIPBL	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
C5orf42	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
NUP155	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
WDR70	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
GDNF	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
EGFLAM	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
LIFR	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
OSMR	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
RICTOR	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
FYB	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
C9	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
DAB2	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
PTGER4	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
TTC33	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
PRKAA1	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
RPL37	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
SNORD72	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0

CARD6	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
C7	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
HEATR7B2	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
C6	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
PLCXD3	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
OXCT1	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
C5orf51	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
FBXO4	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
GHR	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
CCDC152	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
SEPP1	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
C5orf39	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
LOC153684	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
ZNF131	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
MGC42105	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
HMGCS1	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
CCL28	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
C5orf28	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
C5orf34	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
PAIP1	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
NNT	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
FGF10	0	2	2	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	0	0
MRPS30	0	2	2	0	0	0	1	0	0	0	0	0	0	0	0	1	2	2	2	0	0	0	2	0	0	0	0
C1GALT1	0	2	0	2	2	0	1	0	1	1	0	0	0	0	2	1	2	2	2	0	0	2	0	2	0	2	0
COL28A1	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	0	2	0
MIOS	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
RPA3	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
GLCCI1	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
ICA1	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
NXPH1	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	2	1	2	0
PER4	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
NDUFA4	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
PHF14	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
THSD7A	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
TMEM106B	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
VWDE	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
SCIN	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
ARL4A	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
ETV1	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
DGKB	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
TMEM195	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
MEOX2	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
LOC729920	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
SOSTDC1	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
ANKMY2	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
BZW2	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
TSPAN13	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0

AGR2	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
AGR3	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
AHR	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
SNX13	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
PRPS1L1	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
HDAC9	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
TWIST1	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
FERD3L	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
TWISTNB	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
TMEM196	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
MACC1	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
ITGB8	0	2	0	0	2	0	1	0	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
ABCB5	0	2	0	0	2	0	1	2	1	1	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
SP8	0	2	0	0	2	0	1	2	1	0	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
RPL23P8	0	2	0	0	2	0	1	2	1	0	1	0	0	0	2	1	2	2	2	0	0	2	0	0	1	2	0
SP4	0	2	0	0	2	0	1	2	1	0	1	0	0	0	2	0	2	2	2	0	0	2	0	0	1	2	0
ERICH1	0	2	2	0	1	1	0	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	0	1	0
DLGAP2	0	2	2	0	1	1	0	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
CLN8	0	2	2	0	1	1	0	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
ARHGEF10	0	2	2	0	1	1	0	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
KBTBD11	0	2	2	0	1	1	0	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	1	1	0
ZNF703	0	2	2	2	0	1	2	2	2	0	2	0	2	0	1	0	0	0	2	2	0	0	1	0	1	2	0
ERLIN2	0	2	2	2	0	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
LOC728024	0	2	2	2	0	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
PROSC	0	2	2	2	0	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
GPR124	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
BRF2	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
RAB11FIP1	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
GOT1L1	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
ADRB3	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
EIF4EBP1	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
ASH2L	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
STAR	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
LSM1	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
BAG4	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
DDHD2	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
PPAPDC1B	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
WHSC1L1	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
LETM2	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
FGFR1	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
C8orf86	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
RNF5P1	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
TACC1	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
PLEKHA2	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
HTRA4	0	2	2	2	2	1	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
TM2D2	0	2	2	2	2	1	0	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
ADAM9	0	2	2	2	2	1	1	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0

ADAM32	0	2	2	2	2	1	1	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
ADAM18	0	2	2	2	2	0	1	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
ADAM2	0	2	2	2	2	0	1	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
IDO1	0	2	2	2	2	0	1	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
IDO2	0	2	2	2	2	0	1	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
C8orf4	0	2	2	2	2	0	1	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
ZMAT4	0	2	2	2	2	0	1	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	1	2	0
SFRP1	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
GOLGA7	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0
GINS4	0	2	2	2	2	0	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0
AGPAT6	0	2	2	2	2	0	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0
NKX6-3	0	2	2	2	2	0	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0
ANK1	0	2	2	2	2	0	2	2	2	0	2	0	2	0	0	0	0	0	2	2	0	0	2	0	0	0	0
MYST3	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0
AP3M2	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0
PLAT	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0
IKBKB	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0
POLB	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0
DKK4	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0
VDAC3	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0
SLC20A2	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0
C8orf40	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0
CHRNB3	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0
CHRNA6	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0
THAP1	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0
RNF170	0	2	2	2	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0
HOOK3	0	2	2	2	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
FNTA	0	2	2	2	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
SGK196	0	2	2	2	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
HGSNAT	0	2	2	2	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
KIAA0146	0	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	1	0	0
CEBPD	0	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	1	0	0
PRKDC	0	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	1	0	0
MCM4	0	2	2	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	1	0	0
KCNK9	0	2	2	0	2	0	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	2	0	0	0	0
TRAPPC9	0	2	2	0	2	0	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	2	0	0	0	0
CHRAC1	0	2	2	0	2	0	2	0	0	0	0	0	2	1	0	2	0	2	2	2	0	1	2	0	0	0	0
EIF2C2	0	2	2	0	2	0	2	0	0	0	0	0	2	1	0	2	0	2	2	2	0	1	2	0	0	0	0
PTK2	0	2	2	0	2	0	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	2	0	2	0	0
DENND3	0	2	2	0	2	0	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	2	0	2	0	0
CBWD1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0
C9orf66	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	2	0	1	0
DOCK8	0	2	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	2	0	1	0
KANK1	0	2	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	2	0	1	0
DMRT1	0	2	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	2	0	1	0
DMRT3	0	2	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	2	0	1	0
DMRT2	0	2	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	2	0	1	0

ACO1	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	0	2	2	0	2	0	1	2	0
DDX58	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	0	2	2	0	2	0	1	2	0
TOPORS	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	0	2	2	0	2	0	1	2	0
NDUFB6	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	0	2	2	0	2	0	1	2	0
TAF1L	0	2	0	0	2	0	0	2	0	0	0	0	2	0	0	0	0	0	0	2	2	0	2	0	1	2	0
TMEM215	0	2	0	0	2	0	0	2	0	0	0	0	2	0	0	0	0	0	0	2	2	0	2	0	1	2	0
APTX	0	2	0	0	2	0	0	2	0	0	0	0	2	0	0	0	0	0	0	2	2	0	2	0	1	2	0
ZCCHC7	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
GRHPR	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
ZBTB5	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
POLR1E	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
FBXO10	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
TOMM5	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
FRMPD1	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
RG9MTD3	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
EXOSC3	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
WDR32	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
MCART1	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
SHB	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
ALDH1B1	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
IGFBPL1	0	2	0	0	2	0	2	2	2	2	0	0	2	0	0	0	0	0	0	2	2	0	2	0	0	2	0
C9orf122	0	2	0	0	2	0	0	2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0
CNTNAP3	0	2	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
FAM75A2	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
CNTNAP3	0	2	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
FAM75A2	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
FAM75A1	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
FAM74A1	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
FAM75A3	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
FAM74A3	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
ZNF658	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
FAM74A4	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
FAM75A5	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
FAM75A7	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
LOC653501	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
ZNF658B	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
MGC21881	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
KGFLP2	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
FAM75A6	0	2	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0
KGFLP1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
FAM27C	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
CCDC29	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
ANKRD20A3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
ANKRD20A4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
ANKRD20A2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
LOC642929	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
LOC572558	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
PGM5	0	2	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
C9orf71	0	2	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0

PIP5K1B	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	0	0
FAM122A	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	0	0
PRKACG	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	0	0
FXN	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	0	0
TJP2	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	0	0
C9orf61	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	2	0	2	0	1	0	0
APBA1	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
PTAR1	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
C9orf135	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
MAMDC2	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
SMC5	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
KLF9	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
TRPM3	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
TMEM2	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
FAM108B1	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
C9orf85	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
HSPBL2	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
C9orf57	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
GDA	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
ZFAND5	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
TMC1	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
ALDH1A1	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
ANXA1	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
RORB	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
TRPM6	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
C9orf40	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
C9orf41	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
C9orf95	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
OSTF1	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
PCSK5	0	2	0	0	2	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
RFK	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
RPSAP9	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
GCNT1	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
PRUNE2	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
PCA3	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
FOXB2	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
LOC100130426	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
VPS13A	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
GNA14	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
GNAQ	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
CEP78	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
PSAT1	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
TLE4	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	0	0	2	0	2	0	1	0	0
TLE1	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
FLJ43950	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
FLJ43859	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
FLJ44082	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0

FLJ46321	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
FAM75B	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
RASEF	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
FRMD3	0	2	0	0	2	0	1	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
C9orf103	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
UBQLN1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
GKAP1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
KIF27	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
C9orf64	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
HNRNPK	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
RMI1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
SLC28A3	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	0	2	0	2	0	1	0	0
NTRK2	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	2	2	0	2	0	1	0	0
AGTPBP1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	2	2	0	2	0	1	0	0
MAK10	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	2	2	0	2	0	1	0	0
GOLM1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	2	2	0	2	0	1	0	0
C9orf153	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ISCA1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
ZCCHC6	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
GAS1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
LOC440173	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
C9orf170	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
DAPK1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
CTSL1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
CTSL3	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	2	0	2	0	1	0	0
TGFBR1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	0	1	0	0
ALG2	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	0	1	0	0
SEC61B	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	0	1	0	0
NIPSNAP3B	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
LOC286367	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
ABCA1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
SLC44A1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
FSD1L	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
FKTN	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
TAL2	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
TMEM38B	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	1	0	0	1	2	0	0	2	0	1	0	0
ZNF462	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	0	1	0	0
RAD23B	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	0	1	0	0
KLF4	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	0	1	0	0
ACTL7B	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
ACTL7A	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
IKBKAP	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
C9orf6	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
CTNNAL1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
C9orf5	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
C9orf4	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
EPB41L4B	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0

PTPN3	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
PALM2	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
PALM2-AKAP2	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
AKAP2	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
C9orf152	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
TXN	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
TXNDC8	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
SVEP1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
MUSK	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
LPAR1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
OR2K2	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
KIAA0368	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
ZNF483	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
PTGR1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
DNAJC25	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
DNAJC25-GNG	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
GNG10	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
C9orf84	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
UGCG	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
SUSD1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
ROD1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
HSDL2	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
KIAA1958	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
C9orf80	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
SNX30	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
SLC46A2	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
LOC169834	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
ZFP37	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
TNFSF8	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
TNC	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
1-Dec	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
C9orf27	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
PAPPA	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
ASTN2	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
TRIM32	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
SNORA70C	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
TLR4	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
DBC1	0	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
CDK5RAP2	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
MEGF9	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
FBXW2	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
LOC402377	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
PSMD5	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
LOC253039	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
PHF19	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
TRAF1	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
C5	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0

CEP110	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
RAB14	0	2	0	0	2	0	0	2	0	0	1	0	2	0	0	0	0	0	1	2	0	0	2	2	1	0	0
POTEH	0	2	0	0	1	0	0	1	0	2	0	2	0	0	0	1	0	0	2	0	1	1	0	0	0	0	0
POTEG	0	2	0	0	1	0	0	0	0	2	0	2	0	0	0	1	0	0	2	0	1	1	0	0	0	0	0
P704P	0	2	0	0	1	0	0	1	0	2	0	2	0	0	0	1	0	0	2	0	1	1	0	0	0	0	0
OR4K15	0	2	0	0	0	0	0	1	1	2	0	2	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0
OR4K14	0	2	0	0	0	0	0	1	0	2	0	2	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0
OR4K13	0	2	0	0	0	0	0	1	0	2	0	2	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0
OR4L1	0	2	0	0	2	0	0	1	0	2	0	2	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0
OR4K17	0	2	0	0	2	0	0	1	0	2	0	2	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0
OR4N5	0	2	0	0	2	0	0	1	0	2	0	2	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0
OR11G2	0	2	0	0	2	0	0	1	0	2	0	2	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0
OR11H6	0	2	0	0	2	0	0	1	0	2	0	2	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0
OR11H4	0	2	0	0	2	0	0	1	0	2	0	2	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0
TTC5	0	2	0	0	2	0	0	1	0	2	0	2	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0
CCNB1IP1	0	2	0	0	2	0	0	1	0	2	0	2	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0
SNORD126	0	2	0	0	2	0	0	1	0	2	0	2	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0
RPPH1	0	2	0	0	2	0	2	1	2	2	0	2	0	0	1	0	0	0	0	2	1	0	1	0	0	0	0
PARP2	0	2	0	0	2	0	2	1	2	2	0	2	0	0	1	0	0	0	0	2	1	0	1	0	0	0	0
TEP1	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
KLHL33	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
OSGEP	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
APEX1	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
TMEM55B	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
NP	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RNASE10	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RNASE9	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RNASE11	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RNASE12	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
OR6S1	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
ANG	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RNASE4	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
FAM12A	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
FAM12B	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RNASE6	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RNASE1	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RNASE3	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RNASE2	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
METT11D1	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
SLC39A2	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
NDRG2	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
TPPP2	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RNASE13	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RNASE7	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RNASE8	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
FLJ10357	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
ZNF219	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0

C14orf176	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
OR5AU1	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
HNRNPC	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RPGRIP1	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
SUPT16H	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
CHD8	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
SNORD9	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
SNORD8	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
RAB2B	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
TOX4	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
METTL3	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
SALL2	0	2	0	0	2	0	2	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
OR10G3	0	2	0	0	2	0	0	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
OR10G2	0	2	0	0	2	0	0	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
OR4E2	0	2	0	0	2	0	0	1	2	2	0	2	2	0	1	0	0	0	0	2	1	0	1	0	0	0	0
CBLN3	0	2	0	0	2	1	2	1	0	2	0	0	2	0	1	0	0	0	0	2	1	0	1	0	2	0	0
KIAA0323	0	2	0	0	2	1	2	1	0	2	0	0	2	0	1	0	0	0	0	2	1	0	1	0	2	0	0
SDR39U1	0	2	0	0	2	1	2	1	0	2	0	0	2	0	1	0	0	0	0	2	1	0	1	0	2	0	0
FOXN3	0	2	0	2	2	1	0	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
PRO1768	0	2	0	2	2	1	0	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
C14orf143	0	2	0	2	2	1	0	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
TDP1	0	2	0	2	2	1	0	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
KCNK13	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
PSMC1	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
C14orf102	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
CALM1	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
TTC7B	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
RPS6KA5	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
C14orf159	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
SNORA11B	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
GPR68	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
CCDC88C	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
SMEK1	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
PP8961	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
CATSPERB	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
TC2N	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
FBLN5	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
TRIP11	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
ATXN3	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
NDUFB1	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
CPSF2	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	0	0	2	1	2	1	0	1	1	2	0	1
SLC24A4	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
RIN3	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
LGMN	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
GOLGA5	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
CHGA	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
ITPK1	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1

C14orf85	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
MOAP1	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
C14orf109	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
C14orf142	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
UBR7	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
BTBD7	0	2	0	2	2	1	1	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
KIAA1409	0	2	0	2	2	1	1	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
COX8C	0	2	0	2	2	1	1	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
PRIMA1	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
C14orf86	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
FAM181A	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
ASB2	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
C14orf48	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
OTUB2	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
DDX24	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
IFI27L1	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
IFI27	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
IFI27L2	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
PPP4R4	0	2	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
MXRA5	0	1	2	0	1	0	1	0	0	1	0	0	2	0	0	2	2	2	2	2	2	0	0	0	2	2	0
PRKX	0	1	2	0	1	0	1	0	0	1	0	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
RGN	0	1	2	2	1	0	1	2	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
RNU12	0	1	2	2	1	0	1	2	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
NDUFB11	0	1	2	2	1	0	1	2	0	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
RBM10	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
UBA1	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
INE1	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
PCTK1	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
USP11	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ZNF157	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SNORA11C	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ZNF41	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ARAF	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
SYN1	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
TIMP1	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
CFP	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
ELK1	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	2	0	2	2	0
UXT	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
LOC100133957	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
ZNF81	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
ZNF182	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
SPACA5	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
SPACA5B	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
ZNF630	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
SSX6	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
SSX5	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
SSX1	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0

SSX9	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
SSX3	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
SSX4	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
SSX4B	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE10	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE12J	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE2D	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE2A	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE2B	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE2C	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE13	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE2E	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE8	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE12D	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE12H	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE12G	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE12E	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE12C	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE12B	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE4	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE6	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE5	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE12I	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE7	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE12F	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
GAGE1	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
PAGE1	0	1	2	2	1	0	1	2	2	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
PAGE4	0	1	2	2	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
LOC158572	0	1	2	2	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
USP27X	0	1	2	2	1	0	1	0	0	1	2	0	2	0	1	2	2	2	2	2	2	0	0	0	2	2	0
XAGE2	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
XAGE2B	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
XAGE1D	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
XAGE1E	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
XAGE1A	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
XAGE1B	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
XAGE1C	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SSX8	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SSX7	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SSX2	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SPANXN5	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
XAGE5	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
XAGE3	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM156A	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM156B	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GPR173	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TSPYL2	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0

KDM5C	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
IQSEC2	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SMC1A	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RIBC1	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
HSD17B10	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
HUWE1	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PHF8	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FAM120C	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
WNK3	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TSR2	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FGD1	0	1	2	2	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GNL3L	0	1	2	0	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ITIH5L	0	1	2	0	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MAGED2	0	1	2	0	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SNORA11	0	1	2	0	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TRO	0	1	2	0	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PFKFB1	0	1	2	0	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
APEX2	0	1	2	0	1	0	1	0	0	1	2	0	2	0	2	2	2	2	2	2	2	0	0	0	2	2	0
P2RY4	0	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ARR3	0	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RAB41	0	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PDZD11	0	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
KIF4A	0	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GDPD2	0	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
DLG3	0	1	2	0	1	0	1	0	0	1	0	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TEX11	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SLC7A3	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
SNX12	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
FOXO4	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf65	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
IL2RG	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
MED12	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NLGN3	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GJB1	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ZMYM3	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NONO	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ITGB1BP2	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
TAF1	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
INGX	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
OGT	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ACRC	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXCR3	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf49B	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CXorf49	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RPS26P11	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RGAG4	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
NHSL2	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0

FLJ44635	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
PIN4	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
ERCC6L	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
RPS4X	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
CITED1	0	1	2	0	1	0	1	0	0	1	2	0	0	0	2	2	2	2	2	2	2	0	0	0	2	2	0
GABRQ	0	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
MAGEA6	0	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
CSAG2	0	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
CSAG3	0	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
MAGEA2	0	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
MAGEA2B	0	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
MAGEA12	0	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
CSAG1	0	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
MAGEA3	0	1	2	0	1	1	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
CETN2	0	1	2	0	1	1	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
NSDHL	0	1	2	0	1	1	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
ZNF185	0	1	2	0	1	1	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
PNMA5	0	1	2	0	1	1	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
PNMA3	0	1	2	0	1	1	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
PNMA6A	0	1	2	0	1	1	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
MAGEA1	0	1	2	0	1	1	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
ZNF275	0	1	2	0	1	1	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
ZFP92	0	1	2	0	1	1	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
TREX2	0	1	2	0	1	1	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
CTAG2	0	1	2	0	1	0	0	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
GAB3	0	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
DKC1	0	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
SNORA36A	0	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
SNORA56	0	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
MPP1	0	1	2	0	1	0	1	0	0	1	0	0	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0
KIAA0562	0	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
DFFB	0	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
C1orf174	0	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
LOC284661	0	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
AJAP1	0	0	2	0	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
NPHP4	0	0	2	2	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
KCNAB2	0	0	2	2	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
CHD5	0	0	2	2	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
RPL22	0	0	2	2	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
RNF207	0	0	2	2	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
ICMT	0	0	2	2	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
HES3	0	0	2	2	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
GPR153	0	0	2	2	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
ACOT7	0	0	2	2	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
HES2	0	0	2	2	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
ESPN	0	0	2	2	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0
TNFRSF25	0	0	2	2	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	2	0	0

PLEKHG5	0	0	2	2	0	1	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	1	0	0
NOL9	0	0	2	2	0	0	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	1	0	0
TAS1R1	0	0	2	2	0	0	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	1	0	0
ZBTB48	0	0	2	2	0	0	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	1	0	0
KLHL21	0	0	2	2	0	0	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	1	0	0
PHF13	0	0	2	2	0	0	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	1	0	0
THAP3	0	0	2	2	0	0	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	1	0	0
DNAJC11	0	0	2	2	0	0	2	2	2	2	2	0	2	0	1	2	1	0	0	2	0	1	1	0	1	0	0
CAMTA1	0	0	2	2	0	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	0	1	1	0	1	2	0
VAMP3	0	0	2	2	0	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	0	1	1	0	1	2	0
PER3	0	0	2	2	0	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	0	1	1	0	1	2	0
UTS2	0	0	2	2	0	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	0	1	1	0	1	2	0
TNFRSF9	0	0	2	2	0	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	1	2	0
PARK7	0	0	2	2	0	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	1	2	0
ERRFI1	0	0	2	2	0	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	1	2	0
SLC45A1	0	0	2	2	0	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	1	2	0
RERE	0	0	2	2	0	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	1	2	0
ENO1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
CA6	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
SLC2A7	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
SLC2A5	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
GPR157	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
H6PD	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
SPSB1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
SLC25A33	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
TMEM201	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PIK3CD	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
C1orf200	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
CLSTN1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
CTNNBIP1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
LZIC	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
NMNAT1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
RBP7	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
UBE4B	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
KIF1B	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PGD	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
APITD1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
CORT	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
DFFA	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PEX14	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
CASZ1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
C1orf127	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
TARDBP	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
MASP2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
SRM	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
EXOSC10	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
FRAP1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0

ANGPTL7	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
UBIAD1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PTCHD2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
FBXO2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
FBXO44	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
FBXO6	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
MAD2L2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
C1orf187	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
AGTRAP	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
MTHFR	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
CLCN6	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
NPPA	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
NPPB	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
KIAA2013	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PLOD1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
MFN2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
IIP45	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
TNFRSF8	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
TNFRSF1B	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
VPS13D	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
SNORA59A	0	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	1	1
SNORA59B	0	0	2	2	2	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	1	1
DHRS3	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
AADACL4	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
AADACL3	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
C1orf158	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF12	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF11	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
LOC649330	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
HNRNPCL1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF4	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF10	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF8	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF7	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF6	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
LOC440563	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF3	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF22	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF5	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF15	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF9	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF13	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF14	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF18	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF19	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0

PRAMEF16	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF20	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF21	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRAMEF17	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PDPN	0	0	2	2	0	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PRDM2	0	0	2	2	0	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
KIAA1026	0	0	2	2	0	0	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
C1orf126	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
TMEM51	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
FHAD1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
EFHD2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
CTRC	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
ELA2A	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
ELA2B	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
CASP9	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
DNAJC16	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
AGMAT	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
DDI2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
RSC1A1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PLEKHM2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
SLC25A34	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
TMEM82	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
FBLIM1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
UQCRHL	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
FLJ37453	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
SPEN	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
ZBTB17	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
C1orf64	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
HSPB7	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
CLCNKA	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
CLCNKB	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
FAM131C	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
EPHA2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
ARHGEF19	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
C1orf89	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
FBXO42	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
C1orf144	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
SPATA21	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
NECAP2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
CROCCL2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
NBPF1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
CROCCL1	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
MSTP2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
ESPNP	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
MSTP9	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
CROCC	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
MFAP2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0

ATP13A2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
SDHB	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PADI2	0	0	2	2	0	0	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PADI1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PADI3	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PADI4	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PADI6	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
RCC2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
ARHGEF10L	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
ACTL8	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
IGSF21	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
KLHDC7A	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	0	2	2	0
PAX7	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
TAS1R2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ALDH4A1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
IFFO2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
UBR4	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
KIAA0090	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
MRTO4	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
AKR7L	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
AKR7A3	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
AKR7A2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PQLC2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
CAPZB	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
C1orf151	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
NBL1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
HTR6	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
TMCO4	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
RNF186	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
OTUD3	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PLA2G2E	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PLA2G2A	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PLA2G5	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PLA2G2D	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PLA2G2F	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PLA2G2C	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
UBXN10	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
VWA5B1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
CAMK2N1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
MUL1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
FAM43B	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
CDA	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PINK1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
DDOST	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
KIF17	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SH2D5	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
HP1BP3	0	0	2	2	0	1	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1

EIF4G3	0	0	2	2	0	1	1	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ECE1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
NBPF3	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ALPL	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
RAP1GAP	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
USP48	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
LDLRAD2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
HSPG2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ELA3B	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ELA3A	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
HSPC157	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
CDC42	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
WNT4	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ZBTB40	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
EPHA8	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
C1QA	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
C1QC	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
C1QB	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
EPHB2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
KDM1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
LUZP1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
HTR1D	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
HNRNPR	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ZNF436	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
C1orf213	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
TCEA3	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ASAP3	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
E2F2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
ID3	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
MDS2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
RPL11	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
TCEB3	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
C1orf128	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
LYPLA2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
GALE	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
HMGCL	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
FUCA1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
CNR2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PNRC2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
FUSIP1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
MYOM3	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
IL22RA1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
IL28RA	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
LOC284632	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
GRHL3	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
C1orf201	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
NIPAL3	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1

RCAN3	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
C1orf130	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SRRM1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
CLIC4	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
RUNX3	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SYF2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
C1orf63	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
RHD	0	0	2	2	0	1	2	2	2	2	1	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
TMEM50A	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
RHCE	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
LDLRAP1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
MAN1C1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SEPN1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
FAM54B	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
LOC646471	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
C1orf135	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PAQR7	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
STMN1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PAFAH2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
EXTL1	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
SLC30A2	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
TRIM63	0	0	2	2	0	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
PDIK1L	0	0	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	0	0	2	2	1	1	2	2	2	1
IRX2	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	0	2	2	0	0	0	2	0	0	0	0
C5orf38	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	0	2	2	0	0	0	2	0	0	0	0
IRX1	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
LOC340094	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
ADAMTS16	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
KIAA0947	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
FLJ33360	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
MED10	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
FLJ25076	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
LOC255167	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
NSUN2	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
SRD5A1	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
POLS	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
ADCY2	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
C5orf49	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
FASTKD3	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
MTRR	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
SEMA5A	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
SNORD123	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
TAS2R1	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
LOC285692	0	0	2	1	1	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
FAM173B	0	0	2	1	0	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
CCT5	0	0	2	1	0	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
CMBL	0	0	2	1	0	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0

6-Mar	0	0	2	1	0	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
ROPN1L	0	0	2	1	0	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
DAP	0	0	2	1	0	0	0	0	0	0	0	0	2	0	1	0	2	2	2	0	0	0	2	0	0	0	0
CTNND2	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
DNAH5	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
TRIO	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
FAM105A	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
FAM105B	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
ANKH	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	0	0	0	0
FBXL7	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	1	0	0	0
11-Mar	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	1	0	0	0
ZNF622	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	1	0	0	0
FAM134B	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	1	0	0	0
MYO10	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	1	0	0	0
LOC285696	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	1	0	0	0
BASP1	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	2	1	0	0	0
HCN1	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	1	2	2	2	0	0	0	2	0	0	0	0
EMB	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
FBXO25	0	0	2	0	1	1	0	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	0	1	0
C8orf42	0	0	2	0	1	1	0	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	0	1	0
POTEA	0	0	2	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
COMMD5	0	0	2	0	2	0	2	0	0	0	2	0	2	0	0	2	0	0	0	2	0	0	0	2	2	0	0
ZNF250	0	0	2	0	2	0	2	0	0	0	2	0	2	0	0	2	0	0	0	2	0	0	0	2	2	0	0
ZNF16	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
ZNF252	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
TMED10P	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
C8orf77	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
C8orf33	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTPRO	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
EPS8	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
STRAP	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
DERA	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
MGST1	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
LMO3	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
RERGL	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PIK3C2G	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PLCZ1	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CAPZA3	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PLEKHA5	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
AEBP2	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
PDE3A	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SLCO1C1	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SLCO1B3	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
LST-3TM12	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SLCO1B1	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SLCO1A2	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
IAPP	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0

PYROXD1	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
RECQL	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
GOLT1B	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
C12orf39	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
GYS2	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
LDHB	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
KCNJ8	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ABCC9	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
CMAS	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ST8SIA1	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
KIAA0528	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
ETNK1	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SOX5	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
C12orf67	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	1	2	2	0	0	0	0	0	0	1	2	0
SYT10	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0
ALG10	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
P11	0	0	2	0	0	0	2	0	2	0	0	2	2	0	0	2	2	2	0	0	2	0	0	0	2	2	0
RAPGEF3	0	0	2	0	0	0	2	0	2	0	0	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SLC48A1	0	0	2	0	0	0	2	0	2	0	0	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
HDAC7	0	0	2	0	0	0	2	0	2	0	0	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
VDR	0	0	2	2	2	0	2	0	2	0	0	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
TMEM106C	0	0	2	2	2	0	2	0	2	2	0	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
COL2A1	0	0	2	2	2	0	2	0	2	2	0	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SENP1	0	0	2	2	2	0	2	0	2	2	0	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
PFKM	0	0	2	2	2	0	2	0	2	2	0	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ASB8	0	0	2	2	2	0	2	0	2	2	0	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
C12orf68	0	0	2	2	2	0	2	0	2	2	0	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
OR10AD1	0	0	2	2	2	0	2	0	2	2	0	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
H1FNT	0	0	2	2	2	0	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ZNF641	0	0	2	2	2	0	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
ANP32D	0	0	2	2	2	0	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
C12orf54	0	0	2	2	2	0	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
OR8S1	0	0	2	2	2	0	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
LALBA	0	0	2	2	2	0	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
C12orf41	0	0	2	2	2	0	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SNORA34	0	0	2	2	2	0	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SNORA2A	0	0	2	2	2	0	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
SNORA2B	0	0	2	2	2	0	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
LOC144438	0	0	2	2	2	0	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
CCNT1	0	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	2	2	0
NT5DC3	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	1	2	0
LOC253724	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	1	2	0
HSP90B1	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	1	2	0
C12orf73	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	1	2	0
TDG	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	1	2	0
GLT8D2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	1	2	0
HCFC2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	1	2	0

NFYB	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	1	2	0
TXNRD1	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	1	2	0
EID3	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	0	0	2	0
CHST11	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
SLC41A2	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
C12orf45	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
ALDH1L2	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
KIAA1033	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
APPL2	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
C12orf75	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
NUAK1	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
CKAP4	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
TCP11L2	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
POLR3B	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
RFX4	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
RIC8B	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
C12orf23	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
MTERFD3	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	2	2	0	0	2	0	2	0
CRY1	0	0	2	0	0	0	1	0	0	0	0	2	0	0	0	2	2	2	0	2	2	0	0	2	0	2	0
BTBD11	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
PWP1	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
PRDM4	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ASCL4	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
WSCD2	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
CMKLR1	0	0	2	0	0	0	2	0	0	0	0	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
FICD	0	0	2	0	0	0	2	0	0	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
SART3	0	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
ISCU	0	0	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	0	2	2	0	0	2	0	2	0
TMEM132B	0	0	2	0	2	0	1	2	0	0	0	2	2	0	0	2	0	2	0	2	2	0	0	2	2	2	0
TMEM132C	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	2	0	0	0	0	2	0
SLC15A4	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	2	0	0	0	0	2	0
MGC16384	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	2	0	0	0	0	2	0
GLT1D1	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	2	0	0	0	0	2	0
TMEM132D	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	2	0	0	0	0	2	0
LOC100190940	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	2	0	0	0	0	2	0
FZD10	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	2	0	0	0	0	2	0
PIWIL1	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	2	0	0	0	0	2	0
RIMBP2	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	2	0	0	0	0	2	0
STX2	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	2	0	0	0	0	2	0
RAN	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	2	0	0	0	0	2	0
GPR133	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	2	0
LOC116437	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	2	0
SFRS8	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	0	2	0	2	0	1	0	0	0	2	0
ZNF605	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZNF26	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZNF84	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZNF140	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ZNF10	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZNF268	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRR20	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	1	0	2	2
LOC729233	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	1	0	2	2
LOC729240	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	1	0	2	2
LOC729246	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	1	0	2	2
LOC729250	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	1	0	2	2
PCDH17	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	1	0	2	2
DIAPH3	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	1	0	2	2
TDRD3	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	1	0	2	2
PCDH20	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	1	0	2	2
OR7E156P	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	1	0	2	2
PCDH9	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	1	0	2	2
KLHL1	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	0	0	2	2
ATXN8OS	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	0	0	2	2
DACH1	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
C13orf37	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
C13orf34	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
DIS3	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
PIBF1	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
KLF5	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
KLF12	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
LOC647288	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
TBC1D4	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
COMMD6	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
UCHL3	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
LMO7	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
KCTD12	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
BTF3L1	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
CLN5	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
FBXL3	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
MYCBP2	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
SCEL	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
SLAIN1	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
EDNRB	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
POU4F1	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
RNF219	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
RBM26	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
NDFIP2	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
SPRY2	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
SLITRK1	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
SLITRK6	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
SLITRK5	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
LOC144776	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
MIRHG1	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
GPC5	0	0	2	1	2	2	1	0	1	1	0	0	0	1	2	1	2	2	0	1	2	2	2	2	0	2	2
GPC6	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	1	2	2	2	2	0	2	2

DCT	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
TGDS	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
GPR180	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
SOX21	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
ABCC4	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
CLDN10	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
DZIP1	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
DNAJC3	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
UGCGL2	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
HS6ST3	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
OXGR1	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
MBNL2	0	0	2	1	2	2	1	0	1	2	0	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
RAP2A	0	0	2	1	2	2	1	0	1	2	0	0	0	0	2	0	2	2	0	0	2	2	2	2	0	2	2
NALCN	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
ITGBL1	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
FGF14	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
TPP2	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
C13orf39	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
LOC643677	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
C13orf27	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
KDELC1	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
BIVM	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
ERCC5	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
LOC121952	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
SLC10A2	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
DAOA	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
EFNB2	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
ARGLU1	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
FAM155A	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
LIG4	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
ABHD13	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
TNFSF13B	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
MYO16	0	0	2	1	2	2	1	0	1	1	0	0	0	0	2	1	2	2	0	0	2	2	2	2	0	2	2
IRS2	0	0	2	1	2	2	0	0	1	1	0	0	0	0	2	0	2	2	0	0	2	2	2	2	2	2	2
POLR3K	0	0	2	0	2	0	2	2	2	2	2	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0
CARHSP1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
USP7	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
C16orf72	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
GRIN2A	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
ATF7IP2	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
EMP2	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
TEKT5	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
NUBP1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
FAM18A	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
CIITA	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
DEXI	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
CLEC16A	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0

SOCS1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
TNP2	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
PRM3	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
PRM2	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
PRM1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
C16orf75	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
LITAF	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
SNN	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
TXNDC11	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
ZC3H7A	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
BCAR4	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
RSL1D1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
GSPT1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
TNFRSF17	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
RUNDC2A	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
SNX29	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
PARN	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
BFAR	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
PLA2G10	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
ABCC6P2	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
NOMO1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
NPIP	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
PDXDC1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
NTAN1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
RRN3	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
MPV17L	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
C16orf45	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
KIAA0430	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
NDE1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
MYH11	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
C16orf63	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
ABCC1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
ABCC6	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
NOMO3	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
LOC339047	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
XYLT1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
NOMO2	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
ABCC6P1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
RPS15A	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
ARL6IP1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
SMG1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
TMC7	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
COQ7	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
ITPRIPL2	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
SYT17	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
LOC728276	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
TMC5	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0

GDE1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
CP110	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
C16orf62	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
C16orf88	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
IQCK	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
GPRC5B	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
GPR139	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
GP2	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
UMOD	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
PDILT	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
ACSM5	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
ACSM2A	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
ACSM2B	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
ACSM1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
THUMPD1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
ACSM3	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
ERI2	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
LOC81691	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
DCUN1D3	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
LYRM1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
DNAH3	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
TMEM159	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
ZP2	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
ANKS4B	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
CRYM	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
NCRNA00169	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
RUNDC2B	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
NPIPL3	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
LOC100190986	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
LOC100271836	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
IMAA	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
METTL9	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
IGSF6	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
OTOA	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
LOC730092	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
UQCRC2	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
C16orf65	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
C16orf52	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
VWA3A	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
EEF2K	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
POLR3E	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
CDR2	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
LOC100131998	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
LOC641298	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
LOC100132247	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
LOC653786	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
HS3ST2	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0

USP31	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
SCNN1G	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
SCNN1B	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
COG7	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
GGA2	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
EARS2	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
UBFD1	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
NDUFAB1	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
PALB2	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
DCTN5	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
PLK1	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
ERN2	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
CHP2	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
PRKCB	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
CACNG3	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
RBBP6	0	0	2	2	2	0	2	2	2	2	2	0	2	2	2	2	0	0	2	2	2	0	1	0	2	2	0
TNRC6A	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
SLC5A11	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
ARHGAP17	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
LCMT1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
AQP8	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
ZKSCAN2	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
HS3ST4	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	0	2	2	0
C16orf82	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	2	2	2	0
JMJD5	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	2	2	2	0
NSMCE1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	2	2	2	0
IL4R	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	2	2	2	0	1	2	2	2	0
IL21R	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	2	2	0	1	2	2	2	0
GTF3C1	0	0	2	2	2	0	2	2	2	2	2	0	0	2	2	2	0	2	2	2	2	0	1	2	2	2	0
TK2	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CKLF	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CMTM1	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CMTM2	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CMTM3	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CMTM4	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
DYNC1LI2	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
CCDC79	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
NAE1	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
FTSJD1	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
CALB2	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
ZNF23	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
ZNF19	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
CHST4	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
TAT	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
MARVELD3	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
PHLPPL	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
AP1G1	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0

SNORD71	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
ATXN1L	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
ZNF821	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
KIAA0174	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
PKD1L3	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
DHODH	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
HP	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
HPR	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
TXNL4B	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
DHX38	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
PMFBP1	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
ZFHX3	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
HTA	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
PSMD7	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
LOC283922	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
CLEC18B	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
GLG1	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
RFWD3	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
MLKL	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
FA2H	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
WDR59	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	0	2	0
ZNRF1	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
LDHD	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
ZFP1	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CTRB2	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CTRB1	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
BCAR1	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CFDP1	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
TMEM170A	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CHST6	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CHST5	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
FLJ22167	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
GABARAPL2	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
ADAT1	0	0	2	2	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
KARS	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
TERF2IP	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CNTNAP4	0	0	2	0	2	0	1	1	2	1	2	0	2	0	2	1	0	2	0	2	2	0	0	1	0	2	0
MON1B	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
LOC100130958	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
ADAMTS18	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
NUDT7	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
VAT1L	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CLEC3A	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
WWOX	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MAF	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
DYNLRB2	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CDYL2	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0

C16orf61	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
CENPN	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
ATMIN	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
C16orf46	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
GCSH	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
PKD1L2	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
BCMO1	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
HSBP1	0	0	2	0	2	0	2	1	2	1	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MLYCD	0	0	2	0	2	0	2	1	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
OSGIN1	0	0	2	0	2	0	2	1	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
NECAB2	0	0	2	0	2	0	2	1	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
SLC38A8	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
MBTPS1	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
HSDL1	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
LRRC50	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
TAF1C	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
ADAD2	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
KCNG4	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
WFDC1	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
ATP2C2	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
KIAA1609	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
COTL1	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
KLHL36	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
USP10	0	0	2	0	2	0	2	2	2	2	2	0	2	0	2	2	0	2	0	2	2	0	0	1	0	2	0
NDEL1	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MYH10	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
CCDC42	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
SPDYE4	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MFSD6L	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
PIK3R6	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
PIK3R5	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
NTN1	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
STX8	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
WDR16	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
USP43	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
DHRS7C	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
GLP2R	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
RCVRN	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
GAS7	0	0	1	2	0	0	0	0	2	2	2	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
CENPV	0	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	2	1	1
UBB	0	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	2	1	1
TRPV2	0	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	2	1	1
C17orf45	0	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	2	1	1
SNORD49B	0	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	2	1	1
SNORD49A	0	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	2	1	1
SNORD65	0	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	2	1	1
C17orf76	0	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	2	1	1

ZNF287	0	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	2	1	1
ZNF624	0	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	2	1	1
CCDC144A	0	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	2	1	1
LOC162632	0	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	2	1	1
LOC100129396	0	0	1	2	0	0	0	0	2	2	0	0	0	0	1	0	1	1	0	2	2	1	1	2	2	1	1
TNFRSF13B	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MPRIP	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
PLD6	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
FLCN	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
COPS3	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
NT5M	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	1	0	2	2	1	1	2	2	1	1
MED9	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
RASD1	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
PEMT	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
RAI1	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
SMCR5	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
SREBF1	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
TOM1L2	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
LRRC48	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
ATPAF2	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
C17orf39	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
DRG2	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
MYO15A	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
ALKBH5	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
LLGL1	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
FLII	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
SMCR7	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
TOP3A	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
SMCR8	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
SHMT1	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
EVPLL	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
LOC339240	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
LGALS9C	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
LOC220594	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
FAM106A	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
CCDC144B	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
TBC1D28	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
ZNF286B	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
FOXO3B	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
TRIM16L	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
FBXW10	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
FAM18B	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
PRPSAP2	0	0	1	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
GRAP	0	0	2	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
LOC400581	0	0	2	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
EPN2	0	0	2	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
B9D1	0	0	2	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1

MAPK7	0	0	2	2	0	0	2	0	2	2	0	0	0	0	1	2	0	0	0	2	2	1	1	2	2	1	1
MFAP4	0	0	2	2	0	0	2	0	2	2	0	0	0	0	1	2	0	0	0	2	2	1	1	2	2	1	1
RNF112	0	0	2	2	2	0	2	0	2	2	0	0	0	0	1	2	0	0	0	2	2	1	1	2	2	1	1
SLC47A1	0	0	2	2	2	0	2	0	2	2	0	0	0	0	1	2	0	0	0	0	2	1	1	2	2	1	1
ALDH3A2	0	0	2	2	2	0	0	0	2	2	0	0	0	0	1	0	0	0	0	0	2	1	1	0	0	1	1
SLC47A2	0	0	2	2	2	0	0	0	2	2	0	0	0	0	1	0	0	0	0	0	2	1	1	0	0	1	1
ALDH3A1	0	0	2	2	2	0	0	0	2	2	0	0	0	0	1	0	0	0	0	0	2	1	1	0	0	1	1
ULK2	0	0	2	2	2	0	0	0	2	2	0	0	0	0	1	0	0	0	0	0	2	1	1	0	0	1	1
AKAP10	0	0	2	2	2	0	0	0	2	2	0	0	0	0	1	0	0	0	0	0	2	1	1	0	0	1	1
CYTSB	0	0	2	0	2	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	2	1	1	0	0	1	1
CCDC144C	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1
LGALS9B	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1
CCDC144NL	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1
USP22	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1
DHRS7B	0	0	2	0	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1
TMEM11	0	0	2	0	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1
C17orf103	0	0	2	0	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1
MAP2K3	0	0	2	0	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1
KCNJ12	0	0	2	0	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1
C17orf51	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1
FAM27L	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1
FLJ36000	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1
LGALS9	0	0	2	0	2	0	0	0	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
NOS2	0	0	2	0	2	0	0	0	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
LOC201229	0	0	2	0	2	0	0	0	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
NLK	0	0	2	0	2	0	0	2	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
EFCAB5	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
CCDC55	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
SLC6A4	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
BLMH	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
TMIGD1	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
CPD	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
GOSR1	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
TBC1D29	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
LRRC37B2	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
SUZ12P	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
CRLF3	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
ATAD5	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
C17orf42	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
ADAP2	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
RNF135	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
DPRXP4	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
NF1	0	0	2	2	2	2	0	2	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
OMG	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
EVI2B	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
EVI2A	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
RAB11FIP4	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2

C17orf79	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
UTP6	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
SUZ12	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
LRRC37B	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
RHOT1	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
ARGFXP2	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
RHBDL3	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
C17orf75	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
ZNF207	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
PSMD11	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
CDK5R1	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
MYO1D	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
TMEM98	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	2	2	1	0	2	2	0	2
SPACA3	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
ACCN1	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL2	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL7	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL11	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL8	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL13	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL1	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
C17orf102	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
TMEM132E	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCT6B	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
ZNF830	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
LIG3	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
RFFL	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
RAD51L3	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
FNDC8	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
NLE1	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
UNC45B	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
AMAC1	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SLFN5	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SLFN11	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SLFN12	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SLFN13	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SLFN12L	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SLFN14	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
SNORD7	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
PEX12	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
AP2B1	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
RASL10B	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
GAS2L2	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
C17orf50	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
MMP28	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
TAF15	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
C17orf66	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2

CCL5	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
RDM1	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
LYZL6	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL16	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL15	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL14	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL23	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL18	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL3	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL4	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
TBC1D3B	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL3L1	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL3L3	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL4L1	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
CCL4L2	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
TBC1D3C	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
TBC1D3H	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
TBC1D3G	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
ZNHIT3	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
MYO19	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
PIGW	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
GGNBP2	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
DHRS11	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
MRM1	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
LHX1	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
AATF	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
ACACA	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
C17orf78	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
TADA2L	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
DUSP14	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
AP1GBP1	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
DDX52	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
HNF1B	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
LOC284100	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
TBC1D3D	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
TBC1D3E	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
TBC1D3	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
TBC1D3F	0	0	2	2	2	2	0	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
MRPL45	0	0	2	2	2	2	2	0	2	2	2	2	2	2	0	2	2	2	2	2	2	1	0	2	2	0	2
NME1-NME2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	0	2	2	0	0
NME1	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	0	2	2	0	0
NME2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	2	2	0	0
MBTD1	0	0	2	2	2	2	0	2	2	1	2	2	2	0	0	0	2	2	0	2	2	1	0	2	2	0	0
UTP18	0	0	2	2	2	2	0	2	2	1	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	0
NOG	0	0	2	2	2	2	0	1	2	1	1	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
C17orf67	0	0	2	2	2	2	0	1	2	1	1	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
DGKE	0	0	2	2	2	2	0	1	2	1	1	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2

MTVR2	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
TRIM25	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
COIL	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
SCPEP1	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
RNF126P1	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
AKAP1	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
MSI2	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
MRPS23	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
CUEDC1	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
VEZF1	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
SFRS1	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
DYNLL2	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
OR4D1	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
MSX2P1	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
OR4D2	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
EPX	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
MKS1	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
LPO	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
MPO	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
BZRAP1	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
SUPT4H1	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
RNF43	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
HSF5	0	0	2	2	2	2	0	1	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
MTMR4	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
4-Sep	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
C17orf47	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
TEX14	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
LOC645545	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
RAD51C	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
PPM1E	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
TRIM37	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
FAM33A	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
PRR11	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
C17orf71	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
GDPD1	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
YPEL2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
DHX40	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
CLTC	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
PTRH2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
TMEM49	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
TUBD1	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
RPS6KB1	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
RNFT1	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
DHX40P	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
HEATR6	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
LOC653653	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
CA4	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2

USP32	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
SCARNA20	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
C17orf64	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
APPBP2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
PPM1D	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
BCAS3	0	0	2	2	2	2	1	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
TBX2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
C17orf82	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
TBX4	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
NACA2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
BRIP1	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
INTS2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
MED13	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
TBC1D3P2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
EFCAB3	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
METTL2A	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
TLK2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
MRC2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
10-Mar	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
TANC2	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
CYB561	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
ACE	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
KCNH6	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
WDR68	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
CCDC44	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
MAP3K3	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
LIMD2	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
STRADA	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
CCDC47	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
DDX42	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
FTSJ3	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
PSMC5	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
SMARCD2	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
TCAM1	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
CSH2	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
GH2	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
CSH1	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
CSHL1	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
GH1	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
CD79B	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
SCN4A	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
C17orf72	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
ICAM2	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
ERN1	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
SNORD104	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
SNORA76	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
TEX2	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2

PECAM1	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
C17orf60	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
POLG2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
DDX5	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
CCDC45	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
SMURF2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
LOC146880	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
LOC646022	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
PLEKHM1P	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
LRRC37A3	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
FLJ32065	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
GNA13	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
RGS9	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
AXIN2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
CCDC46	0	0	2	2	2	2	1	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
APOH	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
PRKCA	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	1	2	0	2
CACNG5	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	2
CACNG4	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	2
CACNG1	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	2
HELZ	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	2
PSMD12	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	2
PITPNC1	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	2
NOL11	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	1
SNORA38B	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	0
BPTF	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	1
C17orf58	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	1
KPNA2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	1
LOC651250	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	1
SH3GLP3	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	1
LOC440461	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	1
AMZ2	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	1
ARSG	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	1
SLC16A6	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	1
WIPI1	0	0	2	2	2	2	0	2	2	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	1
PRKAR1A	0	0	2	2	2	2	0	2	1	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	1
FAM20A	0	0	2	2	2	2	0	2	1	2	2	2	2	0	0	0	2	2	0	2	2	1	0	0	2	0	1
SOX9	0	0	2	2	2	0	0	2	1	2	2	2	2	0	0	2	2	2	0	2	2	1	0	0	2	0	1
SLC39A11	0	0	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	0	2	2	0	1
SSTR2	0	0	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	0	2	2	0	1
COG1	0	0	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	0	2	2	0	1
FAM104A	0	0	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	0	2	2	0	1
C17orf80	0	0	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	0	2	2	0	1
CPSF4L	0	0	2	2	2	0	0	2	2	2	2	2	2	0	0	2	2	2	0	2	2	1	0	2	2	0	1
NFATC1	0	0	1	0	1	1	2	0	1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	0	0	1	1
CTDP1	0	0	1	0	1	1	2	0	0	0	0	0	0	1	1	0	1	0	1	0	1	1	1	0	0	1	1
KCNG2	0	0	1	0	1	1	2	0	0	0	0	0	0	1	1	0	1	0	0	0	1	1	1	0	0	1	1

PQLC1	0	0	1	0	1	1	2	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0	1	1
LOC440498	0	0	1	0	1	1	2	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0	1	1
TXNL4A	0	0	1	0	1	1	2	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0	1	1
C18orf22	0	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0	1	1
ADNP2	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1
LOC100130522	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1
PARD6G	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1
RFXANK	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
NR2C2AP	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
NCAN	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
HAPLN4	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
TM6SF2	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
SF4	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
KIAA0892	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
GATAD2A	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
TSSK6	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
NDUFA13	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
YJEFN3	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
CILP2	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
PBX4	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
LPAR2	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
GMIP	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ATP13A1	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	2	2	2	2	2	0	1	1	2	2	0	0
ZNF101	0	0	2	2	2	0	2	2	2	2	2	2	2	1	1	0	2	2	2	2	0	1	1	2	2	0	0
ZNF14	0	0	2	2	2	0	0	2	2	2	2	2	0	1	1	0	2	2	2	2	0	1	0	2	2	0	0
LOC284440	0	0	2	2	2	0	0	2	2	2	2	2	0	1	1	0	2	2	2	0	0	0	0	2	2	0	0
ZNF506	0	0	2	0	2	0	0	2	2	2	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF253	0	0	2	0	2	0	0	2	2	2	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF93	0	0	2	0	2	0	0	2	2	2	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF682	0	0	2	0	2	0	0	0	0	2	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF90	0	0	2	0	2	0	0	0	0	2	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF486	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
LOC284441	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF826	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF737	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF626	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF85	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF430	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF714	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF431	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF708	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF738	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF493	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF429	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF100	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
LOC641367	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0
ZNF43	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0

ZNF208	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0
ZNF257	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0
ZNF676	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0
ZNF98	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0
ZNF492	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0
ZNF99	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0
ZNF91	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
ZNF675	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
ZNF681	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
RPSAP58	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
ZNF507	0	0	2	0	2	0	0	2	0	0	0	0	2	0	0	2	2	2	0	2	0	1	1	0	0	0
DPY19L3	0	0	2	2	2	0	2	2	2	0	2	0	2	0	0	2	2	2	0	2	0	1	1	0	0	0
PDCD5	0	0	2	2	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	1	1	0	0	0
FRG1B	0	0	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0
DEFB115	0	0	2	0	2	2	0	0	0	0	2	0	2	2	0	0	2	2	2	0	2	2	2	2	0	2
DEFB116	0	0	2	0	2	2	0	0	0	0	2	0	2	2	0	0	2	2	2	0	2	2	2	2	0	2
PCMTD2	0	0	2	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
XG	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	2	0	0	2	0
GYG2	0	0	2	0	1	0	0	0	0	1	0	0	2	0	0	2	2	2	2	2	2	0	0	0	2	0
ARSD	0	0	2	0	1	0	0	0	0	1	0	0	2	0	0	2	2	2	2	2	2	0	0	0	2	0
ARSE	0	0	2	0	1	0	0	0	0	1	0	0	2	0	0	2	2	2	2	2	2	0	0	0	2	0
ARSH	0	0	2	0	1	0	1	0	0	1	0	0	2	0	0	2	2	2	2	2	2	0	0	0	2	0
ARSF	0	0	2	0	1	0	1	0	0	1	0	0	2	0	0	2	2	2	2	2	2	0	0	0	2	0
MOBKL2C	0	0	0	2	2	0	2	2	2	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	2	0
ATPAF1	0	0	0	2	2	0	2	2	2	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	0	2
C1orf223	0	0	0	2	2	0	2	2	2	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	0	2
KIAA0494	0	0	0	2	2	0	2	2	2	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	0	2
CYP4B1	0	0	0	2	2	0	2	2	0	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	0	2
CYP4Z2P	0	0	0	2	2	0	2	2	0	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	0	2
CYP4A11	0	0	0	2	2	0	2	2	0	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	0	2
CYP4X1	0	0	0	2	2	0	2	2	0	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	0	2
CYP4Z1	0	0	0	2	2	0	2	2	0	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	0	2
CYP4A22	0	0	0	2	2	0	2	2	0	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	0	2
PDZK1IP1	0	0	0	2	2	0	2	2	0	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	0	2
TAL1	0	0	0	2	2	0	2	2	0	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	0	2
STIL	0	0	0	2	2	0	2	2	0	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	0	2
CMPK1	0	0	0	2	2	0	2	2	0	2	0	2	2	2	1	0	1	0	0	2	2	0	1	2	0	2
ATAD2B	0	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0
UBXN2A	0	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0
LOC388931	0	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0
C2orf44	0	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0
FKBP1B	0	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0
SF3B14	0	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0
TP53I3	0	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0
PFN4	0	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0
LOC375190	0	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0
C2orf84	0	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0

ITSN2	0	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
NCOA1	0	0	0	2	2	0	0	2	2	2	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ZNF512	0	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
CCDC121	0	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
GPN1	0	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
SUPT7L	0	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
SLC4A1AP	0	0	0	2	2	0	2	2	2	2	2	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
MRPL33	0	0	0	2	2	0	0	2	2	2	0	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
RBKS	0	0	0	2	2	0	0	2	2	2	0	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
BRE	0	0	0	2	2	0	2	2	2	2	0	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
FOSL2	0	0	0	2	2	0	2	2	2	2	0	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
PLB1	0	0	0	2	2	0	2	2	2	2	0	0	2	0	0	0	2	2	0	2	0	0	0	0	2	0	0
PPP1CB	0	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SPDYA	0	0	0	2	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
KDM3A	0	0	0	2	2	0	0	0	0	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
VPS24	0	0	0	2	2	0	0	0	0	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
RNF103	0	0	0	2	2	0	0	0	0	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
RMND5A	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
ALS2CL	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TMIE	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TSP50	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TESSP5	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TESSP2	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
MYL3	0	0	0	2	0	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
PTH1R	0	0	0	2	0	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CCDC12	0	0	0	2	0	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
NBEAL2	0	0	0	2	0	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LOC100129354	0	0	0	2	0	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SETD2	0	0	0	2	0	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
KIF9	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
KLHL18	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
PTPN23	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SCAP	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf75	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CSPG5	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SMARCC1	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
DHX30	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
MAP4	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CDC25A	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CAMP	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ZNF589	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
NME6	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SPINK8	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
FBXW12	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
PLXNB1	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CCDC51	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CCDC72	0	0	0	2	2	0	2	2	2	2	2	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1

DOCK3	0	0	0	2	0	0	1	2	2	2	0	0	2	0	2	1	2	2	1	2	0	0	0	1	2	0	1
ARMET	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RBM15B	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
VPRBP	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RAD54L2	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TEX264	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
GRM2	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
IQCF6	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
IQCF3	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
IQCF2	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
IQCF5	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
IQCF1	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RRP9	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
PARP3	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
GPR62	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
PCBP4	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ABHD14B	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ABHD14A	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ACY1	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RPL29	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
DUSP7	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf74	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
WDR51A	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ALAS1	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TLR9	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TWF2	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
PPM1M	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
WDR82	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
GLYCTK	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
DNAH1	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
BAP1	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
PHF7	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SEMA3G	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TNNC1	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
NISCH	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
STAB1	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
NT5DC2	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LOC440957	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
PBRM1	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
GNL3	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SNORD19	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SNORD19B	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SNORD69	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
GLT8D1	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SPCS1	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
NEK4	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ITIH1	0	0	0	2	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1

TRIM39	0	0	0	2	2	1	0	1	2	2	2	0	2	0	2	0	0	2	2	2	2	0	0	2	0	0	0
RPP21	0	0	0	2	2	1	0	0	2	2	2	0	2	0	2	0	0	2	2	2	2	0	0	2	0	0	0
HLA-E	0	0	0	2	2	1	2	0	2	2	2	0	2	0	2	0	0	2	2	2	2	0	0	2	0	0	0
ZFAND3	0	0	0	2	2	1	1	2	1	2	2	0	2	0	2	1	0	2	2	2	2	0	0	2	0	0	0
DNAJC12	0	0	0	2	2	0	0	2	2	0	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1
SIRT1	0	0	0	2	2	0	0	2	2	2	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1
HERC4	0	0	0	2	2	0	0	2	2	2	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1
MS4A8B	0	0	0	2	0	1	0	0	2	2	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	0
P2RY2	0	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	0	2	0	0
P2RY6	0	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	0	2	0	0
ARHGEF17	0	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	0	2	0	0
RELT	0	0	0	2	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	0	2	0	0
FAM168A	0	0	0	2	2	1	0	2	2	2	2	0	2	0	0	2	0	2	2	2	2	0	1	0	2	0	0
PLEKHB1	0	0	0	2	2	1	0	2	2	2	0	0	2	0	0	2	0	0	2	2	2	0	1	0	0	0	0
RAB6A	0	0	0	2	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	2	0	1	0	0	0	0
MRPL48	0	0	0	2	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	2	0	1	0	0	0	0
CHCHD8	0	0	0	2	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	2	0	1	0	0	0	0
PAAF1	0	0	0	2	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	2	0	1	0	0	0	0
DNAJB13	0	0	0	2	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	2	0	1	0	0	0	0
UCP2	0	0	0	2	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	2	0	1	0	0	0	0
UCP3	0	0	0	2	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	2	0	1	0	0	0	0
C2CD3	0	0	0	2	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
PPME1	0	0	0	2	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
P4HA3	0	0	0	2	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
PGM2L1	0	0	0	2	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
SERPINA10	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
SERPINA6	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
SERPINA1	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
SERPINA11	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
SERPINA9	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
SERPINA12	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
SERPINA4	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
SERPINA5	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
SERPINA3	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
SERPINA13	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
GSC	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
DICER1	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
FLJ45244	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
CLMN	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
C14orf139	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
C14orf49	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
SNHG10	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
SCARNA13	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
GLRX5	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
TCL6	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
TCL1B	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
TCL1A	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1

C14orf132	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
BDKRB2	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
BDKRB1	0	0	0	2	2	1	2	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
ATG2B	0	0	0	2	2	1	0	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
C14orf129	0	0	0	2	2	1	0	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
AK7	0	0	0	2	2	1	0	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
PAPOLA	0	0	0	2	2	1	0	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
VRK1	0	0	0	2	2	1	0	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
C14orf64	0	0	0	2	2	1	0	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
C14orf177	0	0	0	2	2	1	0	1	2	2	0	0	2	0	1	2	0	2	1	2	1	0	1	1	2	0	1
EIF5	0	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
SNORA28	0	0	0	2	2	1	2	0	2	2	0	0	2	0	1	2	0	2	0	2	1	1	1	1	2	0	1
TMEM87A	0	0	0	2	0	2	0	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GANC	0	0	0	2	0	2	0	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CAPN3	0	0	0	2	0	2	0	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
ZFP106	0	0	0	2	0	2	0	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNAP23	0	0	0	2	0	2	0	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
LRRC57	0	0	0	2	0	2	0	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
HAUS2	0	0	0	2	0	2	0	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CDAN1	0	0	0	2	0	2	0	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
TTBK2	0	0	0	2	0	2	0	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
UBR1	0	0	0	2	0	2	0	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
TMEM62	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CCNDBP1	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
EPB42	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
TGM5	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
TGM7	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
LCMT2	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
ADAL	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
ZSCAN29	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
TUBGCP4	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
TP53BP1	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
MAP1A	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
HISPPD2A	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CKMT1B	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
STRC	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CATSPER2	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CKMT1A	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CATSPER2P1	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PDIA3	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
ELL3	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SERF2	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SERINC4	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
HYPK	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
MFAP1	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
WDR76	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
FRMD5	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0

LOC728758	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CASC4	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CTDSPL2	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
EIF3J	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SPG11	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PATL2	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
B2M	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
TRIM69	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
C15orf43	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SORD	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
DUOX2	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
DUOXA2	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
DUOXA1	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
DUOX1	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SHF	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SLC28A2	0	0	0	2	0	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GATM	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SPATA5L1	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
C15orf48	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SLC30A4	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
C15orf21	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PLDN	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SQRDL	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
LIPC	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
ADAM10	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
HSP90AB4P	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
FAM63B	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SLTM	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
RNF111	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CCNB2	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
MYO1E	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
LDHAL6B	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
FAM81A	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GCNT3	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GTF2A2	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
BNIP2	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
FOXB1	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
ANXA2	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
NARG2	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
RORA	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
VPS13C	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	1	0	0	1	2	1	1	1	1	0	2	0
FAM148A	0	0	0	2	1	2	0	2	2	2	1	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
FAM148B	0	0	0	2	1	2	0	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
MGC15885	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
TLN2	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
TPM1	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
LACTB	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0

RPS27L	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
RAB8B	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
APH1B	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
CA12	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
USP3	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
FBXL22	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
HERC1	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
DAPK2	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
FAM96A	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
SNX1	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
SNX22	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
PPIB	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
CSNK1G1	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
KIAA0101	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
TRIP4	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	0	1	2	1	1	1	1	0	2	0
FLJ11506	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
IQCH	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
C15orf61	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
MAP2K5	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LBXCOR1	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
PIAS1	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
CALML4	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
CLN6	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
FEM1B	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ITGA11	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
CORO2B	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ANP32A	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
C15orf28	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
NOX5	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SPESP1	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
TMEM84	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
GLCE	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
PAQR5	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
KIF23	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
RPLP1	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LOC145837	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
C15orf50	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
TLE3	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
UACA	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LARP6	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
THAP10	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LRRC49	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LOC196993	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
THSD4	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
NR2E3	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
MYO9A	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SENP8	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0

GRAMD2	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
PKM2	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
PARP6	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
BRUNOL6	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
HEXA	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
C15orf34	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
TMEM202	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ARIH1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
GOLGA6B	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
HIGD2B	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
BBS4	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ADPGK	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
NEO1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
HCN4	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
C15orf60	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
NPTN	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
CD276	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
C15orf59	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
UBE2Q2	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
FBXO22	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
FBXO22OS	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
NRG4	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
C15orf27	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ETFA	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ISL2	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SCAPER	0	0	0	2	1	2	1	2	2	2	2	0	2	0	0	1	0	2	0	2	1	1	1	0	2	2	0
RCN2	0	0	0	2	1	2	1	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
PSTPIP1	0	0	0	2	1	2	1	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
TSPAN3	0	0	0	2	1	2	1	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SGK269	0	0	0	2	1	2	1	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
C15orf5	0	0	0	2	1	2	1	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
HMG20A	0	0	0	2	1	2	1	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LINGO1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LOC645752	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LOC91450	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
TBC1D2B	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SH2D7	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
CIB2	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
IDH3A	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ACSBG1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
DNAJA4	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
WDR61	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
CRABP1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
IREB2	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LOC123688	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
PSMA4	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
CHRNA5	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0

CHRNA3	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
CHRNB4	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ADAMTS7	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
MORF4L1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
CTSH	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
RASGRF1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ANKRD34C	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
TMED3	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
KIAA1024	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
MTHFS	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ST20	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
C15orf37	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
BCL2A1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ZFAND6	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
FAH	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ARNT2	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
FAM108C1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
KIAA1199	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
MESDC2	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
MESDC1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
C15orf26	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
IL16	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
STARD5	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
TMC3	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
MEX3B	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
EFTUD1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
FAM154B	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LOC100134869	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LOC100133144	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LOC440295	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LOC80154	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
RPS17	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
CPEB1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
AP3B2	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SCARNA15	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
FSD2	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
WHAMM	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
HOMER2	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
FAM103A1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
C15orf40	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
BTBD1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
TM6SF1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
HDGFRP3	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
BNC1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SH3GL3	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ADAMTSL3	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
LOC388152	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0

FLJ40113	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
FLJ43276	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ZSCAN2	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SCAND2	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
WDR73	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
NMB	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SEC11A	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ZNF592	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
ALPK3	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
SLC28A1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
PDE8A	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
AKAP13	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
KLHL25	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
AGBL1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
NCRNA00052	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	0	0	2	0	2	1	1	1	0	2	2	0
NTRK3	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
MRPL46	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
MRPS11	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
DET1	0	0	0	2	1	2	2	2	2	2	2	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
VPS33B	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
SV2B	0	0	0	2	1	2	2	2	2	2	0	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
SLCO3A1	0	0	0	2	1	2	2	2	0	2	0	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
ST8SIA2	0	0	0	2	1	2	2	2	0	0	0	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
C15orf32	0	0	0	2	1	2	2	2	0	0	0	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
LOC100144604	0	0	0	2	1	2	2	2	0	0	0	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
FAM174B	0	0	0	2	1	2	2	2	0	0	0	0	2	0	0	2	0	2	0	2	1	1	1	0	2	2	0
CHD2	0	0	0	2	1	2	2	2	0	0	0	0	2	0	0	0	0	2	0	2	1	1	1	0	0	2	0
RGMA	0	0	0	2	1	2	2	2	0	0	0	0	2	0	0	0	0	2	0	2	1	1	1	0	0	2	0
TMEM114	0	0	0	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
C16orf68	0	0	0	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
ABAT	0	0	0	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
TMEM186	0	0	0	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
PMM2	0	0	0	2	2	0	2	2	2	2	2	0	0	2	2	2	0	0	0	2	2	0	1	0	2	2	0
CSDAP1	0	0	0	2	2	0	0	0	0	0	2	0	2	0	2	2	0	0	2	2	2	0	1	0	0	2	0
C16orf67	0	0	0	2	2	0	0	0	0	0	2	0	2	0	2	0	0	0	2	0	2	0	1	0	0	2	0
ZNF720	0	0	0	2	2	0	0	0	0	0	2	0	2	0	2	0	0	0	2	0	2	0	1	0	0	2	0
ZNF267	0	0	0	2	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	2	0	1	0	0	2	0
HERC2P4	0	0	0	2	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	1	0	0	2	0
LOC729355	0	0	0	2	0	0	0	0	0	1	2	0	0	0	2	0	0	0	2	0	0	0	1	0	0	2	0
TP53TG3	0	0	0	2	0	0	0	0	0	1	2	0	0	0	2	0	0	0	2	0	0	0	1	0	0	2	0
SLC6A10P	0	0	0	2	0	0	0	0	0	1	2	0	0	0	2	0	0	0	2	0	0	0	1	0	0	2	0
SLC5A10	0	0	0	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
FAM83G	0	0	0	2	0	0	2	0	2	2	0	0	0	0	1	2	1	0	0	2	2	1	1	2	2	1	1
CECR7	0	0	0	2	0	0	0	0	2	2	2	0	2	0	0	2	0	0	0	2	0	1	0	2	2	0	2
FOXE3	0	0	0	0	2	0	2	2	0	2	0	0	2	2	1	0	1	0	0	2	2	0	1	2	0	2	0
MGC12982	0	0	0	0	2	0	2	2	0	2	0	0	2	2	1	0	1	0	0	2	2	0	1	2	0	2	0
FOXD2	0	0	0	0	2	0	2	2	0	2	0	0	2	2	1	0	1	0	0	2	2	0	1	2	0	2	0

CDKN2C	0	0	0	0	2	0	1	2	2	0	0	0	2	2	1	1	1	0	0	2	0	0	1	0	0	2	0
C1orf185	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	1	1	0	0	2	0	0	1	0	0	2	0
RNF11	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	1	1	0	0	2	0	0	1	0	0	2	0
TTC39A	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	1	1	0	0	2	0	0	1	0	0	2	0
EPS15	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	1	1	0	0	2	0	0	1	0	0	2	0
OSBPL9	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	1	1	0	0	2	0	0	1	0	0	2	0
NRD1	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	1	1	0	0	2	0	0	1	0	0	2	0
RAB3B	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
TXNDC12	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
KTI12	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
BTF3L4	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
ZFYVE9	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
CC2D1B	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
ORC1L	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
PRPF38A	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
ZCCHC11	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
GPX7	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
FAM159A	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
C1orf163	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
ZYG11B	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
ZYG11A	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
ECHDC2	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
SCP2	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
PODN	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
SLC1A7	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
CPT2	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
C1orf123	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
MAGOH	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
LRP8	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
FLJ40434	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
DMRTB1	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
GLIS1	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
TMEM48	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
YIPF1	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
DIO1	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
HSPB11	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
LRRC42	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
LDLRAD1	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
TMEM59	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
C1orf83	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
CDCP2	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
CYB5RL	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
MRPL37	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
SSBP3	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
ACOT11	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
FAM151A	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
C1orf175	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0

TTC4	0	0	0	0	2	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
LOC728875	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0
C1orf152	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0
NBPF20	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0
PDE4DIP	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	0	0	2	0	0	0
OR2G2	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2G3	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR13G1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR6F1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR1C1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR14A16	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR11L1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
TRIM58	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2W3	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2T8	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2L13	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2L8	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2AK2	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
ID2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
KIDINS220	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MBOAT2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ASAP2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ITGB1BP1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CPSF3	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IAH1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ADAM17	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
YWHAQ	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TAF1B	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ROCK2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
E2F6	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
GREB1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
NTSR2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LPIN1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TTC32	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
WDR35	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MATN3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LAPTM4A	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SDC1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
PUM2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RHOB	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
HS1BP3	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
GDF7	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
C2orf43	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
APOB	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TRMT61B	0	0	0	0	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
WDR43	0	0	0	0	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SNORD92	0	0	0	0	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0

SNORD53	0	0	0	0	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
FAM179A	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
C2orf71	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CLIP4	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ALK	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
YPEL5	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LBH	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LCLAT1	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CAPN13	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
GALNT14	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	2	0	2	0	0	0	0	0	0	0
COX7A2L	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
KCNG3	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
MTA3	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
OXER1	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
HAAO	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
ZFP36L2	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
LOC100129726	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
THADA	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
PLEKHH2	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
LOC728819	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
DYNC2LI1	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
ABCG5	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
ABCG8	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
LRPPRC	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
ABCG8	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
LRPPRC	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
PPM1B	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
SLC3A1	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
PREPL	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
C2orf34	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
SIX3	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
SIX2	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
SRBD1	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	0	0
PRKCE	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	1	0	0	0
EPAS1	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
LOC388946	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
ATP6V1E2	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
RHOQ	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
PIGF	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
CRIPT	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
SOCS5	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
LOC100134259	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
MCFD2	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
TTC7A	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
C2orf61	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
CALM2	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
EPCAM	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
MSH2	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
KCNK12	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0

MSH6	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	2	0	0	0
FBXO11	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
FOXN2	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
KLRAQ1	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
BCL11A	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
PAPOLG	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
REL	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
PUS10	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
PEX13	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
KIAA1841	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
C2orf74	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
AHSA2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
USP34	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
SNORA70B	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
XPO1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
FAM161A	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
CCT4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
COMMD1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
B3GNT2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
TMEM17	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	1	0	0
HSPC159	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
AFTPH	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
SERTAD2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
SLC1A4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
CEP68	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
RAB1A	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
ACTR2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
SPRED2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
MEIS1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
ETAA1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
C1D	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
WDR92	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
PNO1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
PPP3R1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
CNRIP1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
PLEK	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
FBXO48	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
APLF	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	2	0	0	0
PROKR1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
ARHGAP25	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
BMP10	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
GKN2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
GKN1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
ANTXR1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
GFPT1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
NFU1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
AAK1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0

SNORA36C	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
ANXA4	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
GMCL1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
SNRNP27	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
MXD1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
ASPRV1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
PCBP1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
LOC100133985	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
C2orf42	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
TIA1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
PCYOX1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
SNRPG	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
FAM136A	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
TGFA	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
ADD2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
FIGLA	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
CLEC4F	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
CD207	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
VAX2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
ATP6V1B1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
ANKRD53	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
TEX261	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
OR7E91P	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
NAGK	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
MCEE	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
MPHOSPH10	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
PAIP2B	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
ZNF638	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
DYSF	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
CYP26B1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
EXOC6B	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	1	2	2	1	0	0	0	0	2	0	0	0
SPR	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
EMX1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
SFXN5	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
RAB11FIP5	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
NOTO	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
SMYD5	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
C2orf7	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
CCT7	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
FBXO41	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
EGR4	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	2	0	0	0
ALMS1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0
NAT8	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0
ALMS1P	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0
NAT8B	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0
TPRKB	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0
DUSP11	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0

C2orf78	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
STAMBP	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
ACTG2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
DGUOK	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
TET3	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
BOLA3	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
MOBKL1B	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
MTHFD2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
SLC4A5	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
DCTN1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
LOC100189589	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
C2orf81	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
WDR54	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
RTKN	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
INO80B	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
WBP1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
MOGS	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
MRPL53	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
CCDC142	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
TTC31	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
LBX2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
LOC151534	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
PCGF1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
TLX2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
DQX1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
AUP1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
HTRA2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
LOXL3	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
DOK1	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
C2orf65	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
SEMA4F	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
HK2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
POLE4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
TACR1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0
LOC388965	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0
SUCLG1	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0
DNAH6	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0
CD8A	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
CD8B	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
RGPD1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
RGPD2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
PLGLB2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
PLGLB1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
LOC285074	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
NCRNA00152	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
KRCC1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
SMYD1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0

FABP1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
THNSL2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
FOXI3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
C2orf51	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
EIF2AK3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
RPIA	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
FLJ40330	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
LOC654342	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
GGT8P	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
ANKRD20B	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
TEKT4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAL	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MRPS5	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZNF514	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FAHD2B	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ANKRD36B	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
COX5B	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ACTR1B	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ZAP70	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TMEM131	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
VWA3B	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CNGA3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
INPP4A	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
C2orf64	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
UNC50	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MGAT4A	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
C2orf55	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TSGA10	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
C2orf15	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LIPT1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MITD1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MRPL30	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LYG2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LYG1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TXNDC9	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
EIF5B	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
REV1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
AFF3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LONRF2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CHST10	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
NMS	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC643896	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
PDCL3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
NPAS2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RPL31	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TBC1D8	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
C2orf29	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0

SNORD89	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RNF149	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CREG2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC731220	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MAP4K4	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL1R2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL1R1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL1RL2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL1RL1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL18R1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL18RAP	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SLC9A4	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SLC9A2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MFSD9	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TMEM182	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC150568	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
POU3F3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MRPS9	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
GPR45	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TGFBRAP1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
C2orf49	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
FHL2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
NCK2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
C2orf40	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
UXS1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
PLGLA	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RGPD3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ST6GAL2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC729121	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RGPD4	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SLC5A7	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SULT1C3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SULT1C2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SULT1C4	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
GCC2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LIMS1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RANBP2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CCDC138	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
EDAR	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SH3RF3	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
10-Sep	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ANKRD57	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RGPD7	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RGPD5	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RGPD6	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LIMS3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MALL	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0

NPHP1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
NCRNA00116	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC151009	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC440895	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LIMS3-LOC440	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
BUB1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ACOXL	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
BCL2L11	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC541471	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ANAPC1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
MERTK	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TMEM87B	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
FBLN7	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ZC3H8	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ZC3H6	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TTL	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
POLR1B	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CHCHD5	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SLC20A1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CKAP2L	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL1A	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL1B	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL1F7	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL1F9	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL1F6	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL1F8	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL1F5	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL1F10	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
IL1RN	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
PSD4	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
PAX8	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC654433	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
DDX18	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
CCDC93	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
INSIG2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
EN1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
MARCO	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
C1QL2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
STEAP3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
C2orf76	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
DBI	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
TMEM37	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
SCTR	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
PCDP1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
TMEM177	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
PTPN4	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
EPB41L5	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0

TMEM185B	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
RALB	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
INHBB	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
LOC84931	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
GLI2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
TFCP2L1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
CLASP1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
RNU4ATAC	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
MKI67IP	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
TSN	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
GYPC	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
BIN1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
CYP27C1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
ERCC3	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
MAP3K2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
PROC	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
IWS1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
MYO7B	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
LIMS2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
GPR17	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
SFT2D3	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
WDR33	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
POLR2D	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
AMMECR1L	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
SAP130	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
UGCGL1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
HS6ST1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
LOC389033	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
RAB6C	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
LOC440905	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
POTEF	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
CCDC74B	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
SMPD4	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
FAM128B	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
TUBA3E	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
CCDC115	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
IMP4	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
PTPN18	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
C2orf14	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
CFC1B	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
CFC1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
LOC150527	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
GPR148	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
FAM123C	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
ARHGEF4	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
FAM168B	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
PLEKHB2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0

POTEE	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
LOC150786	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
LOC401010	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
TUBA3D	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
FAM128A	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
LOC150776	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
CCDC74A	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
C2orf27A	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
C2orf27B	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
NCRNA00164	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	1	0	0	0
GPR39	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	2	1	0	0	0
LYPD1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	2	1	0	0	0
ATIC	0	0	0	0	2	0	0	2	0	0	2	0	0	0	0	0	2	2	0	0	0	0	2	0	1	0	0
FN1	0	0	0	0	2	0	0	2	0	0	2	0	0	0	0	0	2	2	0	0	0	0	2	0	1	0	0
MREG	0	0	0	0	2	0	0	2	0	0	2	0	2	0	0	0	2	2	0	0	0	0	2	0	0	0	0
PECR	0	0	0	0	2	0	0	2	0	0	2	0	2	0	0	0	2	2	0	2	0	0	2	0	0	0	0
TMEM169	0	0	0	0	2	0	0	2	0	0	2	0	2	0	0	0	2	2	0	2	0	0	2	0	0	0	0
XRCC5	0	0	0	0	2	0	0	2	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	0	0	0	0
4-Mar	0	0	0	0	2	0	0	2	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	0	0	0	0
SMARCAL1	0	0	0	0	2	0	0	2	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	0	0	0	0
RPL37A	0	0	0	0	2	0	0	2	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	0	0	0	0
IGFBP2	0	0	0	0	2	0	2	2	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
IGFBP5	0	0	0	0	2	0	2	2	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
TNP1	0	0	0	0	2	0	2	2	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
DIRC3	0	0	0	0	2	0	0	2	0	0	2	0	2	0	0	2	2	2	0	2	0	0	2	0	2	0	0
EPHA4	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	0	2	0	0	2	0	0	0	0
PAX3	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	0	2	0	0	2	0	0	0	0
CCDC140	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	0	2	0	0	2	0	0	0	0
SGPP2	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	2	0	2	0	0	2	0	0	0	0
FARSB	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
MOGAT1	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
ACSL3	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
KCNE4	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
SCG2	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
AP1S3	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
WDFY1	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
MRPL44	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
SERPINE2	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
FAM124B	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
CUL3	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0
IRS1	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0
RHBDD1	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0
COL4A4	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0
COL4A3	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0
MFF	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0
TM4SF20	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0
AGFG1	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0

C2orf83	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0
SLC19A3	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0
CCL20	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0
WDR69	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0
SPHKAP	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0
PID1	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	2	0	2	0	0	2	0	0	0	0
DNER	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
TRIP12	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
FBXO36	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
SLC16A14	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
SP110	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	0	0	0
SP140	0	0	0	0	2	0	0	2	2	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	2	0	0
SP140L	0	0	0	0	2	0	0	2	2	0	0	0	1	0	0	0	2	2	0	2	0	0	2	0	2	0	0
SP100	0	0	0	0	2	0	0	2	2	0	0	0	2	0	0	0	2	2	0	2	0	0	2	0	2	0	0
UGT1A8	0	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0
UGT1A10	0	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0
UGT1A9	0	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0
UGT1A7	0	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0
UGT1A6	0	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0
UGT1A5	0	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0
UGT1A4	0	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0
UGT1A3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0
DNAJB3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0
UGT1A1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0
HJURP	0	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0
MSL3L2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	0	2	0	0	0	0	2	0	0
UBE2F	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
SCLY	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
ESPNL	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
KLHL30	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
ILKAP	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
LOC151174	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
LOC643387	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
HES6	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
PER2	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
TRAF3IP1	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
ASB1	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
HDAC4	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
MGC16025	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
NDUFA10	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
OR6B2	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
LOC643905	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
OR6B3	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
MYEOV2	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
OTOS	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
GPC1	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
PP14571	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0

ANKMY1	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
DUSP28	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
RNPEPL1	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
CAPN10	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
GPR35	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
AQP12B	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
AQP12A	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
KIF1A	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
AGXT	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
C2orf54	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
SNED1	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
MTERFD2	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
PASK	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	1	0	0	2	0	0
PPP1R7	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
ANO7	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
HDLBP	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	2	0	2	0	2	0	0	0	0	2	0	0
2-Sep	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	0	0	2	0	2	0	0	0	0	2	0	0
FARP2	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	0	0	2	0	2	0	0	0	0	2	0	0
STK25	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	0	0	2	0	2	0	0	0	0	2	0	0
BOK	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	0	0	2	0	2	0	0	0	0	2	0	0
THAP4	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	0	0	2	0	2	0	0	0	0	2	0	0
ATG4B	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	0	0	2	0	2	0	0	0	0	2	0	0
DTYMK	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	0	0	2	0	2	0	0	0	0	2	0	0
ING5	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	0	0	2	0	2	0	0	0	0	2	0	0
D2HGDH	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	0	0	2	0	2	0	0	0	0	2	0	0
GAL3ST2	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	0	0	2	0	2	0	0	0	0	2	0	0
NEU4	0	0	0	0	2	0	2	0	2	2	2	0	2	0	0	0	0	2	0	2	0	0	0	0	2	0	0
LOC728323	0	0	0	0	2	0	0	0	2	2	0	0	2	0	0	0	0	2	0	2	0	0	0	0	0	0	0
LMCD1	0	0	0	0	1	0	0	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	0	0	1
LOH3CR2A	0	0	0	0	1	0	0	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	0	0	1
C3orf32	0	0	0	0	1	0	0	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	0	0	1
CAV3	0	0	0	0	1	0	0	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	0	0	1
OXTR	0	0	0	0	1	0	0	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	0	0	1
RAD18	0	0	0	0	1	0	0	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	0	0	1
SRGAP3	0	0	0	0	1	0	0	0	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	0	0	1
HES1	0	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
LOC100131551	0	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
CPN2	0	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
LRRC15	0	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
GP5	0	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
ATP13A3	0	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
TMEM44	0	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
LSG1	0	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
FAM43A	0	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
C3orf21	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
ACAP2	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
PPP1R2	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0

SDHALP2	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
MUC20	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
MUC4	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
TNK2	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
SDHALP1	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
TFRC	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
ZDHHC19	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
OSTalpha	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
PCYT1A	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
TCTEX1D2	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
TM4SF19	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
UBXN7	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
RNF168	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
C3orf43	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
WDR53	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
FBXO45	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
LRRC33	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
C3orf34	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
PIGX	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
PAK2	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
SENP5	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
NCBP2	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
LOC152217	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
PIGZ	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
MFI2	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
DLG1	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
BDH1	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
LOC220729	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
KIAA0226	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
FYTTD1	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
LRCH3	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
IQCG	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
RPL35A	0	0	0	0	2	0	0	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
LMLN	0	0	0	0	2	0	0	2	0	0	2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0
KLHL3	0	0	0	0	2	0	1	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
HNRNPA0	0	0	0	0	2	0	1	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
NPY6R	0	0	0	0	2	0	1	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
MYOT	0	0	0	0	2	0	1	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PKD2L2	0	0	0	0	2	0	1	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
FAM13B	0	0	0	0	2	0	1	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
WNT8A	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
NME5	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
BRD8	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
KIF20A	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
CDC23	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
GFRA3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
CDC25C	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0

FAM53C	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
KDM3B	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
REEP2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
EGR1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
ETF1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
HSPA9	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SNORD63	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
CTNNA1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
LRRTM2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SIL1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SNHG4	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
MATR3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SNORA74A	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PAIP2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SLC23A1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
MGC29506	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
LOC202051	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
DNAJC18	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
ECSCR	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
TMEM173	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
UBE2D2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
CXXC5	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PSD2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
NRG2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PURA	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
C5orf53	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
C5orf32	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PFDN1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
HBEGF	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SLC4A9	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
ANKHD1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
ANKHD1-EIF4E	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
EIF4EBP3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SRA1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
APBB3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SLC35A4	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
CD14	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
TMCO6	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
NDUFA2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
IK	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
WDR55	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
DND1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
HARS	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
HARS2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
ZMAT2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
VTRNA1-1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
VTRNA1-2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0

VTRNA1-3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHA1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHA2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHA3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHA4	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHA5	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHA6	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHA7	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHA8	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHA9	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHA10	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHA11	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHA12	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHA13	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHAC1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHAC2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB4	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB5	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB6	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB17	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB7	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB8	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB16	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB9	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB10	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB11	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB12	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB13	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB14	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB18	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB19P	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHB15	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SLC25A2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
TAF7	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGA1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGA2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGA3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGB1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGA4	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGB2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGA5	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGB3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGA6	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGA7	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0

PCDHGB4	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGA8	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGB5	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGA9	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGB6	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGA10	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGB7	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGA11	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGB8P	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGA12	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGC3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGC4	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDHGC5	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
DIAPH1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
HDAC3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
RELL2	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
FCHSD1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
ARAP3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDH1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
KIAA0141	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCDH12	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
RNF14	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
GNPDA1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
NDFIP1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SPRY4	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
FGF1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
C5orf25	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
OR2Y1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
MGAT1	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
LOC729678	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
ZFP62	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
BTNL8	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
LOC646227	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
BTNL3	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
BTNL9	0	0	0	0	2	0	2	2	2	2	2	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
UBD	0	0	0	0	2	1	0	1	0	0	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
SNORD32B	0	0	0	0	2	1	0	1	0	0	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
OR2H2	0	0	0	0	2	1	0	1	0	0	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
GABBR1	0	0	0	0	2	1	0	1	0	0	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
MOG	0	0	0	0	2	1	0	1	0	0	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZFP57	0	0	0	0	2	1	0	1	0	0	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HLA-F	0	0	0	0	2	1	0	1	0	0	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
LOC285830	0	0	0	0	2	1	0	1	0	0	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
IFITM4P	0	0	0	0	2	1	0	1	0	0	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HCG4	0	0	0	0	2	1	0	1	0	0	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HLA-G	0	0	0	0	2	1	0	1	0	0	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HLA-H	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0

HCG2P7	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HCG4P6	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HLA-A29.1	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HLA-A	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HCG9	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
NCRNA00171	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HLA-J	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
ZNRD1	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
PPP1R11	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
RNF39	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
TRIM31	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
TRIM40	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
TRIM10	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
TRIM15	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
TRIM26	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
FLJ45422	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
HCG18	0	0	0	0	2	1	0	1	0	2	2	0	2	0	2	0	0	2	2	2	2	0	0	0	0	0	0
DAAM2	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
MOCS1	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TDRG1	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
LRFN2	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
UNC5CL	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
BZRPL1	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
APOBEC2	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
C6orf130	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
NFYA	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
LOC221442	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TREML1	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TREM2	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TREML2	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TREML3	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TREML4	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TREML2P	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
TREM1	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
NCR2	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	0	0	0
FOXP4	0	0	0	0	2	1	2	2	1	2	2	0	2	0	2	2	0	2	2	2	2	0	0	2	2	0	0
CDC5L	0	0	0	0	2	0	0	2	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	2	0	0	0
T	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	2	0	0	0	0	0	0
PRR18	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
SFT2D1	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
BRP44L	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
RPS6KA2	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
RNASET2	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
FGFR1OP	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
CCR6	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
GPR31	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
TCP10L2	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0

UNC93A	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
TTLL2	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
TCP10	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
C6orf123	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
C6orf124	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
MLLT4	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
HGC6.3	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
KIF25	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
FRMD1	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
DACT2	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
SMOC2	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
THBS2	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
WDR27	0	0	0	0	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
C6orf120	0	0	0	0	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
PHF10	0	0	0	0	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
TCTE3	0	0	0	0	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
C6orf70	0	0	0	0	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
C6orf122	0	0	0	0	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
C6orf208	0	0	0	0	2	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
LOC154449	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DLL1	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FAM120B	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PSMB1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TBP	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RPL23AP53	0	0	0	0	1	1	0	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	0	0	1	0
ZNF596	0	0	0	0	1	1	0	1	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	1	0	1	0
LOC440896	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	2	0	1	0	0
LOC100133920	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	2	0	1	0	0
LOC643224	0	0	0	0	2	0	2	2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	2	0	0
AKR1C4	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
UCN3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
TUBAL3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
NET1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
PRKCQ	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
SFMBT2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
ITIH5	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
ITIH2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
KIN	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
ATP5C1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
TAF3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
FLJ45983	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
GATA3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
SFTA1P	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
LOC254312	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
CUGBP2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	1	0	0
ITGA8	0	0	0	0	2	2	0	2	0	0	0	0	0	0	1	1	0	0	0	0	2	0	0	0	1	0	0
C10orf97	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	0	2	0	0	0	1	0	0

PTER	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
C1QL3	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
RSU1	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
CUBN	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
TRDMT1	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
VIM	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
ST8SIA6	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
PTPLA	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
STAM	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
FAM23A	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
MRC1L1	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
MRC1	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
FAM23B	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
SLC39A12	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
CACNB2	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
NSUN6	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
ARL5B	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
PLXDC2	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
NEBL	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
C10orf113	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
C10orf114	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
C10orf140	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
MLLT10	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
DNAJC1	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
COMMD3	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
BMI1	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
SPAG6	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
PIP4K2A	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
ARMC3	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
MSRB2	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
PTF1A	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
C10orf67	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
OTUD1	0	0	0	0	2	2	1	2	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
KIAA1217	0	0	0	0	2	2	1	2	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0
PRINS	0	0	0	0	2	2	1	2	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0
ARHGAP21	0	0	0	0	2	2	1	2	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0
PRTFDC1	0	0	0	0	2	2	1	2	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0
C10orf63	0	0	0	0	2	2	1	2	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0
THNSL1	0	0	0	0	2	2	1	2	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0
LOC100128811	0	0	0	0	2	2	1	2	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0
GPR158	0	0	0	0	2	2	1	2	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0
MYO3A	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
GAD2	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
APBB1IP	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
C10orf50	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
LOC731789	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
PDSS1	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0

ABI1	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
C10orf51	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
ANKRD26	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
YME1L1	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
MASTL	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
ACBD5	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
LOC387646	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
PTCHD3	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
RAB18	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
MKX	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
ARMC4	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
MPP7	0	0	0	0	2	2	1	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
WAC	0	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
BAMBI	0	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
LYZL1	0	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
LOC387647	0	0	0	0	2	2	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	1	0	0	0
SVIL	0	0	0	0	2	2	0	2	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	1	0	0	0
KIAA1462	0	0	0	0	2	2	0	2	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	1	0	0	0
MTPAP	0	0	0	0	2	2	0	2	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	1	0	0	0
LOC729668	0	0	0	0	2	2	0	2	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	1	0	0	0
MAP3K8	0	0	0	0	2	2	0	2	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	1	0	0	0
LYZL2	0	0	0	0	2	2	0	2	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	1	0	0	0
LOC642826	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
FAM25C	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
FAM25G	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
FAM25B	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
ANXA8	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
ANXA8L1	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
ZNF488	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
RBP3	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
GDF2	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
GDF10	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
PTPN20B	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
PTPN20A	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
FRMPD2L2	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
FRMPD2L1	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
FRMPD2	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
MAPK8	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
ARHGAP22	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
WDFY4	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
LRRC18	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
C10orf72	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
C10orf128	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
C10orf71	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
DRGX	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
ERCC6	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
PGBD3	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0

CHAT	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
SLC18A3	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
C10orf53	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
OGDHL	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
PARG	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
AGAP8	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
AGAP7	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
MSMB	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
NCOA4	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
TIMM23	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
AGAP6	0	0	0	0	1	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
FAM21A	0	0	0	0	1	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
FAM21B	0	0	0	0	1	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
ASAH2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SGMS1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
ASAH2B	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
A1CF	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
TLL2	0	0	0	0	2	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
TM9SF3	0	0	0	0	2	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
AGBL2	0	0	0	0	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0
FNBP4	0	0	0	0	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NUP160	0	0	0	0	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTPRJ	0	0	0	0	2	0	0	2	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KCNE3	0	0	0	0	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
LOC387787	0	0	0	0	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
POLD3	0	0	0	0	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
CHRDL2	0	0	0	0	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
RNF169	0	0	0	0	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
XRRA1	0	0	0	0	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
SPCS2	0	0	0	0	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
NEU3	0	0	0	0	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
OR2AT4	0	0	0	0	2	1	0	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
SLCO2B1	0	0	0	0	2	1	2	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
RPS3	0	0	0	0	2	1	2	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
SNORD15A	0	0	0	0	2	1	2	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
SNORD15B	0	0	0	0	2	1	2	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
KLHL35	0	0	0	0	2	1	2	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
GDPD5	0	0	0	0	2	1	2	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
SERPINH1	0	0	0	0	2	1	2	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
MAP6	0	0	0	0	2	1	2	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
MOGAT2	0	0	0	0	2	1	2	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
DGAT2	0	0	0	0	2	1	2	2	2	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
UVRAG	0	0	0	0	2	1	1	2	0	2	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
WNT11	0	0	0	0	2	1	2	2	0	0	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
PRKRIR	0	0	0	0	2	1	2	2	0	0	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
C11orf30	0	0	0	0	2	1	2	2	0	0	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
LRRC32	0	0	0	0	2	1	2	2	0	0	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0

GUCY2E	0	0	0	0	2	1	2	2	0	0	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
TSKU	0	0	0	0	2	1	2	2	0	0	0	0	2	0	0	0	0	0	2	2	0	0	1	0	0	0	0
ACER3	0	0	0	0	2	1	2	2	0	0	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0	0	0
B3GNT6	0	0	0	0	2	1	2	2	0	0	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0	0	0
CAPN5	0	0	0	0	2	1	2	2	0	0	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0	0	0
OMP	0	0	0	0	2	1	2	2	0	0	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0	0	0
MYO7A	0	0	0	0	2	1	2	2	0	0	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0	0	0
GDPD4	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
PAK1	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
AQP11	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
CLNS1A	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
RSF1	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
C11orf67	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
INTS4	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
KCTD14	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
THRSP	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
NDUFC2	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
ALG8	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
KCTD21	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
USP35	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
GAB2	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
NARS2	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
ODZ4	0	0	0	0	2	1	0	0	1	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
KIAA0999	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	0	2	2	0	0	1	2	2	0	0
PAFAH1B2	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	0	2	2	0	0	1	2	2	0	0
SIDT2	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
TAGLN	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
PCSK7	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
RNF214	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
BACE1	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
CEP164	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
DSCAML1	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
FXYD2	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
FXYD6	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
TMPRSS13	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
IL10RA	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
TMPRSS4	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
SCN4B	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
SCN2B	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
AMICA1	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
MPZL3	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
MPZL2	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
CD3E	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
CD3D	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
CD3G	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
UBE4A	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ATP5L	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0

MLL	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
TTC36	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
TMEM25	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
C11orf60	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ARCN1	0	0	0	0	2	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
FAM169B	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	1	1	1	0	0	2	0
IGF1R	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	1	1	1	0	0	2	0
LOC145814	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	1	1	1	0	0	2	0
SYNM	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	1	1	1	0	0	2	0
TTC23	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	1	1	1	0	0	2	0
LRRC28	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
MEF2A	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
LYSMD4	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
C15orf51	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
ADAMTS17	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
LASS3	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
LINS1	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
ASB7	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
ALDH1A3	0	0	0	0	1	0	2	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
LRRK1	0	0	0	0	1	0	2	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
CHSY1	0	0	0	0	1	0	2	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
SELS	0	0	0	0	1	0	2	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
SNRPA1	0	0	0	0	1	0	2	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
PCSK6	0	0	0	0	1	0	2	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	1	0	0	2	0
FLJ43980	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
SHCBP1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
VPS35	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
ORC6L	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
MYLK3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
C16orf87	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
GPT2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
DNAJA2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
NETO2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	0	0	0
ITFG1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	0	2	0
PHKB	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	1	0	0	0	2	2	0	0	0	0	2	0
ABCC12	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
ABCC11	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
LONP2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
SIAH1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
N4BP1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
CBLN1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
C16orf78	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
ZNF423	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
TMEM188	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
HEATR3	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
PAPD5	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
ADCY7	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0

BRD7	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
NKD1	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
SNX20	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
NOD2	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
CYLD	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	2	0
SALL1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	0	0	2	0
TOX3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
CHD9	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
RBL2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
AKTIP	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
RPGRIP1L	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
FTO	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
IRX3	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
IRX5	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
IRX6	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
MMP2	0	0	0	0	2	0	0	0	0	0	0	0	2	1	2	0	0	2	0	2	2	1	0	1	0	2	0
LPCAT2	0	0	0	0	2	0	0	0	0	0	0	0	2	1	2	0	0	2	0	2	2	0	0	1	0	2	0
CAPNS2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
SLC6A2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
CES4	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
CES1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
CES7	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
LOC283856	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
GNAO1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
DKFZP434H168	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
AMFR	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
NUDT21	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
OGFOD1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
BBS2	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
CCDC113	0	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
KLKBL4	0	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
GINS3	0	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
NDRG4	0	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
SETD6	0	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
CNOT1	0	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
SNORA46	0	0	0	0	2	0	2	0	0	0	2	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
SNORA50	0	0	0	0	2	0	2	0	0	0	2	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
SLC38A7	0	0	0	0	2	0	2	0	0	0	2	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
GOT2	0	0	0	0	2	0	0	0	0	0	2	0	2	0	2	0	0	2	0	2	2	0	0	1	0	2	0
CDH5	0	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
BEAN	0	0	0	0	2	0	2	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	0	1	2	2	0
WSB1	0	0	0	0	2	0	0	0	0	2	2	0	2	0	0	0	0	2	0	2	2	0	0	2	2	0	2
KSR1	0	0	0	0	2	0	0	0	2	2	2	2	2	0	0	2	0	2	2	2	2	1	0	2	2	0	2
ZNF254	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
LRRN4	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
BFSP1	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
DSTN	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2

RRBP1	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
BANF2	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
SNX5	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
SNORD17	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
C20orf72	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
OVOL2	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
CSRP2BP	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
ZNF133	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
C20orf12	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
POLR3F	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
RBBP9	0	0	0	0	1	1	0	0	0	0	2	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
RIN2	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
NAT5	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
CRNKL1	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
C20orf26	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
INSM1	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
C20orf74	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
SRY	0	0	0	0	2	0	2	0	0	2	0	0	0	0	1	1	1	1	1	0	0	0	1	0	1	1	0
AYP1p1	0	0	0	0	2	0	2	0	0	2	0	0	0	0	1	1	1	1	1	0	0	0	1	0	1	1	0
RPS4Y1	0	0	0	0	2	0	2	0	0	2	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
ZFY	0	0	0	0	2	0	2	0	0	2	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
TGIF2LY	0	0	0	0	2	0	0	0	0	2	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0
XPNPEP1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
ADD3	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
MXI1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
SMNDC1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
DUSP5	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
SMC3	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
RBM20	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
LOC282997	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
PDCD4	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
NCRNA00081	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
SHOC2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
RPL13AP6	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
ADRA2A	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
GPAM	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
TECTB	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
ACSL5	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
ZDHHC6	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
VTI1A	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
LOC143188	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
TCF7L2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
HABP2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
NRAP	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
CASP7	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
C10orf81	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
DCLRE1A	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0

NHLRC2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
ADRB1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
C10orf118	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
TDRD1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
VWA2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
AFAP1L2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
ABLIM1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
FAM160B1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
TRUB1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
ATRNL1	0	0	0	0	0	1	1	0	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	2	0	2	0
GFRA1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
C10orf96	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
PNLIPRP3	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
PNLIP	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
PNLIPRP1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
PNLIPRP2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
C10orf82	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
HSPA12A	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
KIAA1598	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
VAX1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
KCNK18	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
SLC18A2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
PDZD8	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
EMX2OS	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
EMX2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
RAB11FIP2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
CASC2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
C10orf84	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
LOC100169752	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
C10orf122	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
C10orf137	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
MMP21	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
UROS	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
BCCIP	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
DHX32	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
FANK1	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
ADAM12	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
C10orf90	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
DOCK1	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
C10orf141	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
NPS	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
FOXI2	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
CLRN3	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	2	0
PTPRE	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	2	2	0	0
MKI67	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
MGMT	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
EBF3	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0

GLRX3	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
TCERG1L	0	0	0	0	0	1	2	0	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	2	0	0
LOC619207	0	0	0	0	0	1	0	0	0	0	0	0	2	1	1	0	0	0	0	2	1	1	1	0	0	0	0
CYP2E1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
SYCE1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
FRG2B	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0
BET1L	0	0	0	0	0	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	2	0	0
RIC8A	0	0	0	0	0	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	2	0	0
SIRT3	0	0	0	0	0	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	2	0	0
PSMD13	0	0	0	0	0	1	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	2	0	0
ASCL2	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
C11orf21	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
TSPAN32	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
CD81	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
TSSC4	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
TRPM5	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
KCNQ1	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
KCNQ1OT1	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
KCNQ1DN	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
CDKN1C	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
SLC22A18AS	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
SLC22A18	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
PHLDA2	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
NAP1L4	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
SNORA54	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
CARS	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
OSBPL5	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	1	1	2	2	0	1
C11orf36	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	0	0	0	2	2	0	1	1	2	0	0	1
MRGPRE	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	0	0	0	2	2	0	1	1	2	0	0	1
CTNND1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
C11orf53	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
C11orf92	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
LOC120376	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
POU2AF1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
BTG4	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
C11orf88	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
LAYN	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
SIK2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
PPP2R1B	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
ALG9	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
FDXACB1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
C11orf1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
CRYAB	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
HSPB2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
C11orf52	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
DIXDC1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
DLAT	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0

PIH1D2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
C11orf57	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
TIMM8B	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
SDHD	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
IL18	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
TEX12	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
BCO2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
PTS	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
C11orf34	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
NCAM1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
TTC12	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
ANKK1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
DRD2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
TMPRSS5	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
ZW10	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
LOC644672	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	0	2	0	0	0
USP28	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	1	2	0	0	0
HTR3B	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	1	2	0	0	0
HTR3A	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	1	2	0	0	0
ZBTB16	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	1	2	0	0	0
NNMT	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	1	2	0	0	0
C11orf71	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	1	2	0	0	0
RBM7	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	1	2	0	0	0
REXO2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	1	2	0	0	0
FAM55A	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	1	2	0	0	0
FAM55D	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	1	2	0	0	0
FAM55B	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	1	2	0	0	0
CADM1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	2	2	0	0	1	2	0	0	0
BUD13	0	0	0	0	0	1	2	0	2	2	2	0	2	0	0	2	1	0	2	2	0	0	1	2	2	0	0
ZNF259	0	0	0	0	0	1	2	0	2	2	2	0	2	0	0	2	0	0	2	2	0	0	1	2	2	0	0
APOA5	0	0	0	0	0	1	2	0	2	2	2	0	2	0	0	2	0	0	2	2	0	0	1	2	2	0	0
APOA4	0	0	0	0	0	1	2	0	2	2	2	0	2	0	0	2	0	0	2	2	0	0	1	2	2	0	0
APOC3	0	0	0	0	0	1	2	0	2	2	2	0	2	0	0	2	0	0	2	2	0	0	1	2	2	0	0
APOA1	0	0	0	0	0	1	2	0	2	2	2	0	2	0	0	2	0	0	2	2	0	0	1	2	2	0	0
POU2F3	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
TMEM136	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
ARHGEF12	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
GRIK4	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	1	2	2	0	0
LOC283174	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
IGSF9B	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
LOC100128239	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
JAM3	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
NCAPD3	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
VPS26B	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
THYN1	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
ACAD8	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
GLB1L3	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0

GLB1L2	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
B3GAT1	0	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2	0	2	2	2	0	0	1	2	2	0	0
LOC100133469	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	1	0	0	0	0
OR4M2	0	0	0	0	0	2	1	0	0	0	0	0	2	2	2	1	2	0	1	0	0	1	1	1	0	0	0
OR4N4	0	0	0	0	0	2	1	0	0	0	0	0	2	2	2	1	2	0	0	0	0	1	1	1	0	0	0
LOC650137	0	0	0	0	0	2	0	0	0	0	0	0	2	2	2	0	2	0	0	0	0	1	1	1	0	0	0
GOLGA8D	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	0	0
LOC283767	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	0	0
TUBGCP5	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	0	0
CYFIP1	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	0	0
NIPA2	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	0	0
NIPA1	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	0	0
WHAMML1	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	0	0
GOLGA9P	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
HERC2P2	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GOLGA8E	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
MKRN3	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
MAGEL2	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
NDN	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PWRN2	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PWRN1	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
C15orf2	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNRPN	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNURF	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PAR-SN	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD107	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PAR5	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD64	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD108	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD109A	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD109B	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-1	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-2	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-3	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-9	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-4	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-7	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-5	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-6	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-8	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-10	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-11	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-12	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-13	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-14	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-15	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-16	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0

SNORD116-19	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-17	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-18	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-20	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-21	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-22	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-23	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-24	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-25	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-26	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-27	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-28	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD116-29	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
IPW	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PAR1	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-1	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-2	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-3	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-4	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-5	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-10	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-9	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-12	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-6	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-7	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-8	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-36	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-29	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-43	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-11	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-13	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-14	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-15	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-16	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-19	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-18	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-17	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-21	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-20	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-22	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
PAR4	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-23	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
HBII-52-24	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-25	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-26	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
HBII-52-27	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
HBII-52-28	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0

SNORD115-30	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-31	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-32	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-33	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-34	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-35	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-37	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-38	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-39	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-40	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-41	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-42	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-44	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
HBII-52-45	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
HBII-52-46	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SNORD115-48	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
UBE3A	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
ATP10A	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GABRB3	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GABRA5	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GABRG3	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
OCA2	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
HERC2	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GOLGA8G	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GOLGA8F	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
WHAMML2	0	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
APBA2	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
KIAA0574	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
NDNL2	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
TJP1	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
FAM7A3	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
DKFZP434L187	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CHRFAM7A	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
FAM7A1	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
FAM7A2	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
ARHGAP11B	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
MTMR15	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
MTMR10	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
TRPM1	0	0	0	0	0	2	2	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
KLF13	0	0	0	0	0	2	2	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
OTUD7A	0	0	0	0	0	2	2	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
CHRNA7	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
ARHGAP11A	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
SCG5	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
GREM1	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
FMN1	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0
RYR3	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	0	0	0	1	0	1	1	1	1	0	2	0

AVEN	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
CHRM5	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
C15orf24	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
PGBD4	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
C15orf29	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
TMEM85	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
SLC12A6	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
NOP10	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
C15orf55	0	0	0	0	0	2	0	2	0	0	1	0	2	0	0	1	0	0	1	0	1	1	1	1	0	2	0
SOX12	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	0	2
NRSN2	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	0	2
TRIB3	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	0	2
RBCK1	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	0	2
TBC1D20	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
CSNK2A1	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
TCF15	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
SRXN1	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
SCRT2	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
C20orf54	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
FAM110A	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
ANGPT4	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
RSPO4	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
PSMF1	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
C20orf46	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
LOC400831	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
RAD21L1	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
SNPH	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
SDCBP2	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	2	2
FKBP1A	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
NSFL1C	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SIRPB2	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SIRPD	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SIRPB1	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SIRPG	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SIRPA	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
PDYN	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
STK35	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
TGM3	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
TGM6	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SNRPB	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SNORD119	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
ZNF343	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
TMC2	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
NOP56	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SNORD110	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SNORA51	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SNORD86	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2

SNORD56	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SNORD57	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
IDH3B	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
EBF4	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
CPXM1	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
C20orf141	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
FAM113A	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
VPS16	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
PTPRA	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
GNRH2	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
MRPS26	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
OXT	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
AVP	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
UBOX5	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
FASTKD5	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
ProSAPiP1	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
DDRGK1	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
ITPA	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SLC4A11	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
C20orf194	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
ATRN	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
GFRA4	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
ADAM33	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SIGLEC1	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
HSPA12B	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
C20orf27	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SPEF1	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
CENPB	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
CDC25B	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
C20orf29	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
MAVS	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
PANK2	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
RNF24	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SMOX	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
ADRA1D	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
PRNP	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
PRND	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
PRNT	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
RASSF2	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
SLC23A2	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	2	0	2	0	2	2
C20orf30	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	0	2	2	0	2	2	2	0	2	0	2	2
PCNA	0	0	0	0	0	1	2	0	2	0	2	0	2	0	0	0	2	2	0	2	2	2	0	2	0	2	2
CDS2	0	0	0	0	0	1	2	0	0	0	2	0	2	0	0	0	2	2	0	2	2	2	0	2	0	2	2
PROKR2	0	0	0	0	0	1	2	0	0	0	2	0	2	0	0	0	2	2	0	2	2	2	0	2	0	2	2
LOC149837	0	0	0	0	0	1	0	0	0	0	2	0	2	0	0	0	2	2	0	2	2	2	0	2	0	2	2
RP5-1022P6.2	0	0	0	0	0	1	0	0	0	0	2	0	2	0	0	0	2	2	0	2	2	2	0	2	0	2	2
C20orf196	0	0	0	0	0	1	0	0	0	0	2	0	2	0	0	0	2	2	0	2	2	2	0	2	0	2	2

CHGB	0	0	0	0	0	1	0	0	0	0	2	0	2	0	0	0	2	2	0	2	2	2	0	2	0	2	2
TRMT6	0	0	0	0	0	1	0	0	0	0	2	0	2	0	0	0	2	2	0	2	2	2	0	2	0	2	2
MCM8	0	0	0	0	0	1	0	0	0	0	2	0	2	0	0	0	2	2	0	2	2	2	0	2	1	2	2
CRLS1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	2	0	0	1	2	2
NCRNA00153	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
XRN2	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
NKX2-4	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
NKX2-2	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
PAX1	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
LOC284788	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
C20orf56	0	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
FOXA2	0	0	0	0	0	2	2	0	0	0	0	0	2	0	0	2	2	2	2	2	2	2	2	0	1	2	2
PKNOX1	0	0	0	0	0	1	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0
CBS	0	0	0	0	0	1	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0
U2AF1	0	0	0	0	0	1	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0
CRYAA	0	0	0	0	0	1	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0
SIK1	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
C21orf125	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
C21orf84	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
HSF2BP	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
RRP1B	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
PDXK	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
CSTB	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
RRP1	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
LOC284837	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
AGPAT3	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
TRAPPC10	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
LRRC3	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
C21orf29	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
C21orf90	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP10-1	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP10-2	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP10-3	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP10-4	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP10-5	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP10-6	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP10-7	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP10-8	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP10-9	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP10-10	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP10-11	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP12-4	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP12-3	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP12-2	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP12-1	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
KRTAP10-12	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
UBE2G2	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1

SUMO3	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
PTTG1IP	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
ITGB2	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
C21orf67	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
C21orf70	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
NCRNA00162	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
C21orf122	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
ADARB1	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
POFUT2	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
LOC642852	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
COL18A1	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
C21orf123	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
SLC19A1	0	0	0	0	0	1	2	2	0	0	2	0	2	1	1	2	1	0	0	2	0	1	1	0	0	0	1
FAM41C	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	0	0	0	0	2	0	0	1	0	2	0	0
PARS2	0	0	0	0	0	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
TTC22	0	0	0	0	0	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
C1orf177	0	0	0	0	0	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
DHCR24	0	0	0	0	0	0	2	2	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
TMEM61	0	0	0	0	0	0	2	0	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
BSND	0	0	0	0	0	0	2	0	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
PCSK9	0	0	0	0	0	0	2	0	2	0	0	0	2	2	1	0	1	0	0	2	0	0	1	0	0	2	0
C1orf62	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	1
GPSM2	0	0	0	0	0	0	1	0	0	0	1	0	2	0	1	1	1	1	1	0	0	0	1	0	1	2	1
CLCC1	0	0	0	0	0	0	1	0	0	0	1	0	2	0	1	1	1	1	1	0	0	0	1	0	1	2	1
WDR47	0	0	0	0	0	0	1	0	0	0	1	0	2	0	1	1	1	1	1	0	0	0	1	0	1	2	1
OR2L1P	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2L2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2L3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2M1P	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2M5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2M2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2M3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2M4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2T33	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2T12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2M7	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR14C36	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2T4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2T6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2T1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2T2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2T3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2T5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2G6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2T29	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2T34	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0
OR2T10	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	0	0

OR2T11	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
OR2T35	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
OR2T27	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
OR14I1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0
SLC6A1	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
HRH1	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ATG7	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
VGLL4	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf31	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SYN2	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TIMP4	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
GSTM1L	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
PPARG	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TSEN2	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
MKRN2	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RAF1	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TMEM40	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CAND2	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RPL32	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SNORA7A	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
IQSEC1	0	0	0	0	0	0	2	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
NUP210	0	0	0	0	0	0	2	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
HDAC11	0	0	0	0	0	0	2	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
FBLN2	0	0	0	0	0	0	2	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LOC285375	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
WNT7A	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TPRXL	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CHCHD4	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TMEM43	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
XPC	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LSM3	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SLC6A6	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
GRIP2	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf19	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf20	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
FGD5	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ZBTB47	0	0	0	0	0	0	2	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CCDC13	0	0	0	0	0	0	2	2	0	0	0	0	2	0	2	2	1	2	1	2	0	0	0	1	2	0	1
ITIH3	0	0	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ITIH4	0	0	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
MUSTN1	0	0	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TMEM110	0	0	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SFMBT1	0	0	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RFT1	0	0	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
PRKCD	0	0	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TKT	0	0	0	0	0	0	2	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
FLNB	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1

DNASE1L3	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
ABHD6	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
RPP14	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
PXK	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
PDHB	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
KCTD6	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
ACOX2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
FAM107A	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
FAM3D	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	0	0	0	1
ACSL6	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	1	0	1	2	0	0	0
IL3	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
CSF2	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
P4HA2	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PDLIM4	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SLC22A4	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SLC22A5	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
LOC441108	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
IRF1	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
IL5	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
RAD50	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
IL13	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
IL4	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
KIF3A	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
CCNI2	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
8-Sep	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
ANKRD43	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SHROOM1	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
GDF9	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
UQCRQ	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
LEAP2	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
AFF4	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
ZCCHC10	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
HSPA4	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
FSTL4	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
C5orf15	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
VDAC1	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
CDKN2AIPNL	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
TCF7	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SKP1	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PPP2CA	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
CDKL3	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
UBE2B	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PHF15	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SAR1B	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SEC24A	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
CAMLG	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
DDX46	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0

C5orf24	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
TXNDC15	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PCBD2	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
CATSPER3	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
PITX1	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
H2AFY	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
C5orf20	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
TIFAB	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
NEUROG1	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
CXCL14	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
LOC340074	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
LOC153328	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
IL9	0	0	0	0	0	0	2	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
FBXL21	0	0	0	0	0	0	1	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
LECT2	0	0	0	0	0	0	1	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
TGFBI	0	0	0	0	0	0	1	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SMAD5OS	0	0	0	0	0	0	1	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SMAD5	0	0	0	0	0	0	1	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
LOC389332	0	0	0	0	0	0	1	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
TRPC7	0	0	0	0	0	0	1	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
SPOCK1	0	0	0	0	0	0	1	2	2	0	2	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
GRPEL2	0	0	0	0	0	0	2	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	0	0	0
STK10	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
UBTD2	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
SH3PXD2B	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
NEURL1B	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
DUSP1	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
ERGIC1	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
LOC100268168	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
RPL26L1	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
ATP6V0E1	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
SNORA74B	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
C5orf41	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
BNIP1	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
NKX2-5	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
STC2	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
LOC285593	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
BOD1	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
CPEB4	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
C5orf47	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
HMP19	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
MSX2	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
DRD1	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
SFXN1	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
HRH2	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
CPLX2	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
THOC3	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0

FAM153B	0	0	0	0	0	0	2	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	2	0	0
OR2V2	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
TRIM7	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0
TRIM41	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0
GNB2L1	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SNORD96A	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SNORD95	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
TRIM52	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIP2C	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	1	0	0	0	0
C10orf108	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	1	0	0	0	0
LARP5	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
GTPBP4	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
IDI2	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
C10orf110	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
IDI1	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
WDR37	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
C10orf139	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	0	0	0	0
ADARB2	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	1	0	0	0
NCRNA00168	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	1	0	0	0
RET	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
CSGALNACT2	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
RASGEF1A	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
FXYD4	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
HNRNPF	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
ZNF487	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
ZNF239	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
ZNF485	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
ZNF32	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
HNRNPA3P1	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
CXCL12	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
TMEM72	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
RASSF4	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
C10orf10	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
C10orf25	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
ZNF22	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
LOC100133308	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
OR13A1	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
ALOX5	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
8-Mar	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
ANUBL1	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
FAM21C	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
AGAP4	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
BMS1P1	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
BMS1P5	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
SYT15	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
GPRIN2	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
PPYR1	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0

LOC728643	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
ANTXRL	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
ANXA8L2	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0
SH2D4B	0	0	0	0	0	0	2	1	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
GRID1	0	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
WAPAL	0	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
OPN4	0	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
LDB3	0	0	0	0	0	0	2	1	0	0	0	0	2	0	1	2	0	2	0	2	0	0	1	0	0	2	0
MINPP1	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
PAPSS2	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
ATAD1	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
KILLIN	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
PTEN	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
C10orf59	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
LIPJ	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
LIPF	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
LIPK	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
LIPN	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
LIPM	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
ANKRD22	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
STAMBPL1	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
ACTA2	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
FAS	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
CH25H	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
LIPA	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
IFIT2	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
IFIT3	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
IFIT1L	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
IFIT1	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
IFIT5	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
SLC16A12	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
PANK1	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
FLJ37201	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
KIF20B	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
HTR7	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
RPP30	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
ANKRD1	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
NUDT9P1	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
PCGF5	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
LOC100188947	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
HECTD2	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
PPP1R3C	0	0	0	0	0	0	1	2	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
TNKS2	0	0	0	0	0	0	1	2	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
FGFBP3	0	0	0	0	0	0	1	2	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
BTAF1	0	0	0	0	0	0	1	2	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
SORCS3	0	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
SORCS1	0	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0

ODF3	0	0	0	0	0	0	2	2	2	2	2	0	2	0	0	2	0	2	2	2	0	0	0	2	2	0	0
ALX4	0	0	0	0	0	0	2	0	2	0	0	0	2	0	0	2	0	2	2	2	0	0	0	0	0	0	0
LRRC55	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
APLNR	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
TNKS1BP1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
SSRP1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
P2RX3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
PRG3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
SLC43A3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
RTN4RL2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
SLC43A1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
TIMM10	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
SMTNL1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
UBE2L6	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
SERPING1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
YPEL4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
CLP1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
ZDHHC5	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
MED19	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
TMX2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
C11orf31	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
LOC643376	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
VSTM2B	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0
POP4	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0
VSTM2B	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0
POP4	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0
PLEKHF1	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0
C19orf12	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0
CCNE1	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0
C20orf96	0	0	0	0	0	0	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	0	2
ZCCHC3	0	0	0	0	0	0	2	0	2	0	2	0	2	0	0	2	2	2	0	2	2	0	0	2	0	0	2
BAGE4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAGE2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAGE5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAGE3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BAGE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MX2	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0
MX1	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0
TMPRSS2	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0
NCRNA00111	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0
C21orf129	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0
NCRNA00112	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0
RIPK4	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0
PRDM15	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0
C2CD2	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0
ZNF295	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0
C21orf121	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0
UMODL1	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0
C21orf128	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0

ABCG1	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0	0
TFF3	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0	0
TFF2	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0	0
TFF1	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0	0
TMPRSS3	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0	0
UBASH3A	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0	0
RSPH1	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0	0
SLC37A1	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0	0
PDE9A	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0	0
WDR4	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0	0
NDUFV3	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0	0
PCBP3	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0	0
COL6A1	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	1	0	0	2	0	1	0	0	0	0	0	0
COL6A2	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0	0
FTCD	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0	0
C21orf56	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0	0
LSS	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0	0
MCM3APAS	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0	0
MCM3AP	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0	0
C21orf57	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0	0
C21orf58	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0	0
PCNT	0	0	0	0	0	0	2	2	0	0	2	0	2	0	1	2	0	0	0	2	0	1	0	0	0	0	0	0
THUMPD3	0	0	0	0	0	0	0	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	0	0	1	
LOC440944	0	0	0	0	0	0	0	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	0	0	1	
SETD5	0	0	0	0	0	0	0	2	2	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	0	0	1	
MYRIP	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1	
EIF1B	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1	
ENTPD3	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1	
RPL14	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1	
ZNF619	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1	
ZNF620	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1	
ZNF621	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1	
CTNNB1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1	
ULK4	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1	
TRAK1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	0	0	1	
CCK	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1	
LYZL4	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1	
VIPR1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1	
SEC22C	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1	
SS18L2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1	
NKTR	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1	
HIGD1A	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1	
CCBP2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1	
CYP8B1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1	
ZNF662	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1	
LOC729085	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1	
C3orf39	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1	

SNRK	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ANO10	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ABHD5	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LOC375337	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
C3orf23	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ZNF445	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ZNF167	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ZNF660	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ZNF197	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ZNF35	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ZNF502	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ZNF501	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
KIAA1143	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
KIF15	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TMEM42	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TGM4	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ZDHHC3	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
EXOSC7	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CLEC3B	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CDCP1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TMEM158	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LARS2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LIMD1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SACM1L	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SLC6A20	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LZTFL1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CCR9	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
FYCO1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CXCR6	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
XCR1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CCR1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CCR3	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CCR2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CCR5	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LOC727797	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LOC727811	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CCRL2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LTF	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
RTP3	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
LRRC2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
TDGF1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
DCP1A	0	0	0	0	0	0	0	2	2	2	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CACNA1D	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CHDH	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
IL17RB	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ACTR8	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
SELK	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1

SLMAP	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
LOC348840	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0
OR4F21	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	1	0
FAM157B	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	2	0	0	0
GHITM	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
C10orf99	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
PCDH21	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
LRIT2	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
LRIT1	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
RGR	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
KIAA1128	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
BMPR1A	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
MMRN2	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
SNCG	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
C10orf116	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
AGAP11	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
FAM25A	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
GLUD1	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
FAM35A	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
FAM22A	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
LOC728190	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
FAM22D	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
CPEB3	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
5-Mar	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
IDE	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
KIF11	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
HHEX	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
EXOC6	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	1	0	2	0	2	0	0	1	0	0	2	0
CYP26C1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
CYP26A1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
MYOF	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
CEP55	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
GPR120	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
RBP4	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
PDE6C	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
C10orf4	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
LGI1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
TMEM20	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
PIPSL	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
PLCE1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
NOC3L	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
TBC1D12	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
HELLS	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
CYP2C18	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
CYP2C19	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
CYP2C9	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
CYP2C8	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0

C10orf129	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
PDLIM1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
SORBS1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
ALDH18A1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
TCTN3	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
ENTPD1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
C10orf131	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
CC2D2B	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
CCNJ	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
ZNF518A	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
BLNK	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
DNTT	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
OPALIN	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	0	0	2	0
UQCRFS1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0
C19orf2	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0
ZNF536	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2	2	2	0	2	0	0	1	0	0	0	0
DKFZp566F094	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2	2	2	0	2	0	0	1	0	0	0	0
TSHZ3	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2	2	2	0	2	0	1	1	0	0	0	0
DIP2A	0	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	0	0	0	2	0	1	0	0	0	0	0
DRD5	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	2	1	0	1	2	0	0	0	2	0	0	1
SLC2A9	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	2	1	0	1	2	0	0	0	2	0	0	1
WDR1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	2	1	0	1	2	0	0	0	2	0	0	1
SH3TC2	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	0	2	2	0	2	0	0	1	2	0	0	0
ABLIM3	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	2	0	0	0
AFAP1L1	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	2	0	0	0
DCTN4	0	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
MST150	0	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
IRGM	0	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
ZNF300	0	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
LOC134466	0	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
GPX3	0	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
TNIP1	0	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
ANXA6	0	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
CCDC69	0	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
GM2A	0	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
SLC36A3	0	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
SLC36A2	0	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
SLC36A1	0	0	0	0	0	0	0	0	2	0	2	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
FAT2	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
SPARC	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	2	2	0	0
ATOX1	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	0	2	2	0	2	0	0	1	2	2	0	0
TLX3	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
NPM1	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
FGF18	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
FBXW11	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	2	2	2	0	2	0	0	1	1	0	0	0
EXT2	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	2	2	2	0	0	0	0	0	0	0
DEFB127	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	2	2	0	2	2	0	0	2	0	0	2

DEFB128	0	0	0	0	0	0	0	0	2	0	2	0	2	0	0	0	2	2	0	2	2	0	0	2	0	0	2
DEFB129	0	0	0	0	0	0	0	0	2	0	2	0	2	0	0	0	2	2	0	2	2	0	0	2	0	0	2
DEFB132	0	0	0	0	0	0	0	0	2	0	2	0	2	0	0	0	2	2	0	2	2	0	0	2	0	0	2
GAB4	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	2	0	0	0	2	0	1	0	2	2	0	2
TAF13	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	1	1	0	0	0	1	0	0	2	1
TMEM167B	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	1	0	0	0	1	0	0	2	1
SCARNA2	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	1	0	0	0	1	0	0	2	1
C1orf194	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	1	0	0	0	1	0	0	2	1
KIAA1324	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	1	0	0	0	1	0	0	2	1
SARS	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	1	0	0	0	1	0	0	2	1
CELSR2	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	1	0	0	0	1	0	0	2	1
PSRC1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
MYBPHL	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
SORT1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
PSMA5	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
SYPL2	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
ATXN7L2	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
CYB561D1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
AMIGO1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
GPR61	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
GNAI3	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
GNAT2	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
AMPD2	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
GSTM4	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
GSTM2	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
GSTM1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
GSTM5	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
GSTM3	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
EPS8L3	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
CSF1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
AHCYL1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
FAM40A	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
ALX3	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
UBL4B	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
SLC6A17	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
KCNC4	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
RBM15	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
SLC16A4	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
HBXIP	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
PROK1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
CYMP	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
KCNA10	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
KCNA2	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	1	0	0	2	1
PGM5P2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
FOXD4L5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
FOXD4L2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
FOXD4L4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0

CBWD5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
CBWD3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
CBWD6	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
FOXD4L6	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
FOXD4L3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
S100B	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	2	0	1	0	0	0	0	0
PRMT2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
OR4F29	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	2	0	0
OR4F16	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	2	0	0
OR4F3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	2	0	0
NCRNA00115	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	2	0	0
LOC643837	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	1	0	2	0	0
FAM110C	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	0	0	0	0	0	0	0	0
SH3YL1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ACP1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
FAM150B	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TMEM18	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC391343	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SNTG2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TPO	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	1	0	0	0	0	0
PXDN	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	1	0	0	0	0	0
MYT1L	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC730811	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RNASEH1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RPS7	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
COLEC11	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ALLC	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TSSC1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
TTC15	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ADI1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
SOX11	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC150622	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC400940	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
CMPK2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RSAD2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
RNF144A	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
LOC339788	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	0	0	0	0	0	0	0
ZNF2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	0	0	0	0	0
NR2C2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
MRPS25	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
ZFYVE20	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	2	2	1	2	0	0	0	1	2	0	1
CAPN7	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	2	1	2	0	0	0	1	0	0	1
SH3BP5	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	2	1	2	0	0	0	1	0	0	1
METTL6	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	2	1	2	0	0	0	1	0	0	1
PFKP	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	1	0	0	0
PITRM1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	1	1	0	0	0
KLF6	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0

LOC100216001	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
LOC338588	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
AKR1CL2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
tAKR	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
AKR1C1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
AKR1C2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
LOC100134257	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
AKR1C3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
AKR1CL1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	0	0	0
BMS1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	0	0	0
OBFC1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
SLK	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
COL17A1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
C10orf78	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
C10orf79	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
GSTO1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
GSTO2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
ITPRIP	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
CCDC147	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	0	2	0	0	1	2	0	2	0
LOC728410	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0
DUX4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LOC653543	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LOC653544	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LOC653545	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LOC653544	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LOC653545	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0
ZNF195	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	2	0	0	0	2	0	0	1
LOC650368	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	2	0	0	0	2	0	0	1
LOC387763	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0
ACCSL	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0
ACCS	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0
LOC148145	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	2	0	2	0	0	0	0	0	0	0
DEFB126	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	0	2	2	0	0	0	0	0	2
SH3BP5L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0
ZNF672	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0
ZNF692	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0
EAF1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	0	0	0	0	1	0	0	1
ITGA9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
CTDSPL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
VILL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
PLCD1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
DLEC1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
ACAA1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
MYD88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
OXSR1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
SLC22A13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
SLC22A14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
XYLB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
ACVR2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1

EXOG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
SCN5A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
SCN10A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
SCN11A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
WDR48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
GORASP1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
TTC21A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
CSRNP1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
XIRP1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
CX3CR1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
CCR8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
SLC25A38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
RPSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
SNORA6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
SNORA62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
MOBP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	2	0	0	0	1	0	0	1
ZNF595	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
ZNF718	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
ZNF732	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
LOC654254	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
ZNF141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
ABCA11P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
ZNF721	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1
ZMYND11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	1	0	0	0	0
LOC441666	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
LOC84856	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
ZNF37B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
ZNF33B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
UBE2MP1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0
LOC283914	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0
LOC146481	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0
DEFB125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2
FAM157A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
LOC729799	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
TRPC2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	1
ART5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	1
ART1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0
CHRNA10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0
NUP98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0
FRAG1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0
RHOG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0
TUBB4Q	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1
LOC442421	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
FAM27A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
AQP7P1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
AQP7P2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
FAM27B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0

ANKRD20A1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
TM2D3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0
TARSL2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0
OR4F6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0
OR4F15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0
OR4F4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0
PGBD2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0